



Section 7

AUDIO/VIDEO Audio/Video Distribution

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MuxLab HDMI 1.3 Balun Set with IR Support

Includes everything you need to connect HDMI equipment at distances up to 330' at 1080p deep color via a single CAT5e/6 cable, and also receives and transmits an IR signal. **Kit includes:** •Transmitter, receiver, 12VDC power supplies, IR emitter and IR receiver •Mfr. #500450

Order # **ONLY**
33-11250 **\$535.00**



MuxLab Component Video Wall Plate Balun

Interchangeable with 500052 and 500053 baluns, this model fits in a single gang box and is compatible with decora style wall plates. Sends Y/Pb/Pr component video and one channel of analog audio over standard CAT5e/6 cable. Maximum range is 1,000' for 480i, 500' for 1080i. •Mfr. #500053-WP-US •Used in pairs, sold individually

Order # **ONLY**
33-11510 **\$89.99**



MuxLab Component Video plus Audio Wall Plate Balun

Identical to and interchangeable with model 500058 balun, this model fits in a single gang box and is compatible with decora style wall plates. Sends Y/Pb/Pr component video plus two channels of line level audio over standard CAT5e/6 cable. Maximum range is 1,000' for 480i, 500' for 1080i. •Mfr. #500058-WP-US •Used in pairs, sold individually

Order # **ONLY**
33-11515 **\$135.00**



Active HDMI MuxLab Extender Balun II Kit

These items allow HDMI equipment to be connected at distances up to 300' via two Cat5e/6 cables with up to 1080i resolution, or 1080p deep color up to 150'. It is ideal for digital signage, residential, boardroom, classroom, and medical imaging video systems. Complete kit includes transmitter, receiver and power supply, IR target and emitter. Items sold individually to support use with other components and hubs.

Order #	Mfr. #	Type	(1-3)	(4-up)
33-11445	500405	Complete kit	\$645.00	\$612.00
33-11450	500406	Transmitter	225.00	214.00
33-11455	500407	Receiver	399.00	379.00
33-11480	500998	IR emitter	12.49	11.89
33-11485	500999	IR receiver	21.19	19.99



MuxLab VideoEase™ Component Video/IR Pass-Thru Balun

These baluns send Y/Pb/Pr component video signals over Cat5e/6 cable up to 500' for 1080i and 1000' for 480p. Additionally, screw terminal connections are provided, allowing access to one Cat5 pair for passing IR signals. Models are available with female RCA connectors, or male RCA's on 6" pigtails. •Baluns must be used in pairs and are sold individually

Order #	Mfr. #	Type	(1-3)	(4-up)
33-11370	500054	Female RCAs	\$69.29	\$65.89
33-11375	500055	Male RCA pigtails	69.29	65.89



MuxLab VideoEase™ Component/Composite Video Balun

These baluns send Y/Pb/Pr component video, plus one composite video signal over Cat5e/6 cable up to 500' for 1080i and 1000' for 480p. It is ideal when multiple video sources, such as a digital cable box and old style video game, are located remotely from the viewing monitor. Models are available with female RCA connectors, or male RCA's on 6" pigtails. •Baluns must be used in pairs and are sold individually

Order #	Mfr. #	Type	(1-3)	(4-up)
33-11380	500056	Male RCA pigtails	\$69.29	\$65.89
33-11385	500057	Female RCAs	69.29	65.89



HDMI 3 x 1 Switcher MuxLab and Extension Kit

The HDMI 3 x 1 switcher kit allows up to three different HDMI sources to be connected to one HDMI display via two Cat 5e unshielded twisted-pair cables in a point-to-point configuration. Push-button input selection is located on the receiver unit. The kit includes one transmitter and one receiver, and supports up to 100' (30m) at 1080p via Cat 5e cable (supports deep color up to 1080i). Mfr. #500410.

Order # **ONLY**
33-10580 **\$419.00**



MuxLab HDMI Extender Kit

The VideoEase Econo Plus extender kit allows

HDMI equipment to be connected up to 150' via two Cat5e unshielded twisted pair cables at 1080p resolution, and supports 1080p deep color up to 90' via dual Cat6 cable. **Transmission lengths:** •1080p: 150' via dual Cat5e, 200' via dual Cat6 •1080i/720p: 200' via dual Cat5e, 250' via dual Cat6 •Mfr. #500401

Order # **ONLY**
33-10576 **\$265.00**



MuxLab VideoEase™ HDTV Component Video/Digital Audio Balun

The component video/audio balun allows one component video (YPbPr or RGB) signal and one audio signal to be transmitted via cost-effective unshielded twisted pair (UTP) cable in a point-to-point configuration. Used in pairs, the component digital balun supports 480i/p, 720p and 1080i/p video formats for hi-definition (HDTV) video applications. **Features:** •Supports 480i/p up to 1000' (305m) and 720p/1080i/p up to 500' (152m) via Cat 5 UTP, respectively •Available with color-coded RCA cable connectors •Supports either digital audio (500050, or 500051), or analog audio (500052, or 500053) on fourth twisted pair •Modular shielded RJ-45 connector •Used in pairs, sold separately

Order #	Mfr. #	Connectors	Audio	ONLY
33-10060	500050	Male RCA	Digital	\$79.99
33-10061	500051	Female RCA	Digital	79.99
33-10062	500052	Male RCA	Analog	79.99
33-10063	500053	Female RCA	Analog	79.99



MuxLab VideoEase™ Audio Balun

The VideoEase™ Audio Balun allows any unbalanced

analog audio signal to be transmitted via a single unshielded twisted pair (UTP) cable for more versatile cabling. One or two pair of baluns are required depending on whether the application is for monaural or stereo audio. •Up to 5000' (1.5km) via Cat 5 UTP •20-20KHz bandwidth

Order # **ONLY**
33-9745 **\$27.99**

**MuxLab****VideoEase™ VGA Balun II Over UTP**

VideoEase™ VGA Balun II is a passive device that fully supports VGA and SVGA (RGBHV) transmission via one Cat 5 UTP cable without the need for shielded twisted pair (STP) cable. This breakthrough technology allows VGA equipment to be deployed more easily in both new and pre-wire structured cabling environments. Used in pairs, sold individually.

Order #	Description	Mfr. #	ONLY
33-9601	PC side (HD15-male)	500040	\$79.99
33-9602	Monitor side (HD15-female)	500041	79.99
33-9603	Monitor side (HD15-male)	500042	79.99
33-11355	PC side (HD15-female)	500043	68.99

MuxLab**VGA Wall Plate Baluns**

Interchangeable with VGA balun models 500040/41/42/43, these units fit in a single gang box and are compatible with decora style wall plates. Sends VGA video over standard CAT5e/6 cable at distances up to 350'. •Baluns must be used in a pair consisting of one PC side, and one monitor side balun.

NEW!



Order #	Mfr. #	Type	ONLY
33-11495	500041-WP-US	Monitor side	\$89.99
33-11500	500043-WP-US	PC side	89.99

MuxLab**Videoease PS/2 Convertor Balun**

•Allows PS/2 devices to be located up to 350' away from the PC •Using inexpensive 4-pair Cat 5 shielded twisted pair or unshielded twisted pair cable depending on the equipment used •Used in pairs, eliminates the need for a local keyboard and mouse •Typical applications include corporate projection systems, classroom video instruction and video information systems •Mfr. #500045



Order #	ONLY
33-10105	\$27.99

MuxLab**CATV Balun**

The VideoEase CATV Balun allows traditional 75ohm coaxial cable to be replaced by a single pair of Cat 5 UTP cable in the CATV, VHF and FM environments in certain applications. The CATV Balun allows broadband CATV equipment to be integrated into structured cabling systems thereby allowing CATV equipment to be moved or added to any convenient modular wall outlet. The CATV balun works in conjunction with CATV splitters, amplifiers and cable modems for a total cabling solution. Mfr. #500302 **Features:** Low return loss eliminates "ghosting". Pair required for use, sold individually.



Order #	ONLY
33-9630	\$47.99

**MuxLab Active VGA Balun II Kit**

Complete two piece kit allows VGA video, plus stereo or digital audio and RS232 to be transmitted via a single Cat 5e/6 cable. It is DDC compliant and works in conjunction with separately available IR emitter and sensors to support IR source control. Resolution up to 1920 x 1200 is supported at distances up to 600', and manual brightness, sharpness and skew adjustments are provided. Full ground loop isolation is also provided between transmitter and receiver. In addition to the Cat 5e output, the transmitter also provides local monitor connection. **NEW!**

Order #	Mfr. #	Type	(1-3)	(4-up)
33-11425	500145	Complete kit	\$699.00	-
33-11480	500998	IR emitter	12.49	\$11.89
33-11485	500999	IR sensor	21.19	19.99

**MuxLab****Videoease Active VGA Balun Kit**

•Extends the distance between the computer system unit and a remote display monitor by up to 480' •It accomplishes this by means of a local transmitting unit, and remote receiving unit, connected by standard Cat 5 twisted pair ethernet cable **Features:** •Uses Cat 5 ethernet cable: For economy; easy installation; and utmost data transfer reliability •High-resolution video: Up to 1800 x 1440 at 100 meters •Supports VGA and SVGA monitors •Long distance transmission, up to 160m (480') •Local unit includes port for local monitor •Mfr. #500035

Order #	ONLY
33-10120	\$309.00

**MuxLab****CATV Distribution Hub**

Designed to be used with the Muxlab 500302 CATV balun, this hub allows cable TV, off-air, broadband and other RF video to be distributed to up to eight television receivers, recorders or similar devices, via Cat5 cable. It provides gain amplification and port buffering as well as ground loop isolation. **Features:** •900MHz bandwidth •CATV, Internet, digital cable support •Bi-directional transmission •Single "F" connector input, eight RJ45 outputs.

Order #	Mfr. #	Description	ONLY
33-11440	500300	1 x 8 hub	\$629.00
33-9630	500302	CATV balun	47.99

**MuxLab VGA and Audio Balun**

This active VGA/Audio balun allows VGA and stereo or digital audio to be transmitted via CAT5e/CAT6 cable. The product also supports RS232, is DDC compliant and supports IR source control. **Features:** •Transmits signal up to 600' @ 1920 x 1200 •Supports analog stereo or coaxial digital audio •Supports RS232 or IR control •Brightness, sharpness and skew adjustments •Local VGA/Audio output •Ground loop isolation **NEW!**

Fig.	Order #	Mfr. #	Description	ONLY
A	33-11220	500146	Transmitter	\$339.00
B	33-11221	500147	Receiver	425.00

**MuxLab VGA 4 x 1 Switcher**

Compact switcher allows a single display to select from up to four VGA sources, when Muxlab baluns are utilized. At the Cat 5e/6 cable. It operates in conjunction with Model 500140 active balun kit, and Model 500141 transmitter. At least one 500140 is required to support one source and one display, then up to three additional 500141 transmitters may be added. **Features:** •Auto and Manual switching modes •Manual, IR, RS232 and USB control •Plug and play – DDC1 compliant •Remote power up to 150' •Modular RJ45 on output and each input •Supports up to 1920 x 1440, 1080p •Includes GUI software and IR remote •Mfr. #500160 **NEW!**

Order #	(1-3)	(4-up)
33-11430	\$499.00	\$475.00

MuxLab**Dual Audio/
Video Balun**

Allows up to two composite video signals and up to two unbalanced audio signals to be transmitted via unshielded twisted pair (UTP) cable in a point-to-point connection. Also works in conjunction with MuxLab's Audio/Video Distribution Hub (#500200) allowing audio/video programming to be distributed via UTP to up to eight locations. Mfr. #500012. Up to 2200' (670m) Pair required for use, sold individually.



Order #	ONLY
33-9610	\$65.99





Section 7

AUDIO/VIDEO

Audio/Video Distribution



MuxLab S-Video and Stereo Audio Balun with Ground Loop Isolation

NEW!

Allows one S-Video signal plus one stereo audio signal to be transmitted up to 1000' feet via a single CAT5e/6 cable, and provides a ground loop isolator to eliminate any hums. •Mfr. #500018 •Must be used in conjunction with #33-9590

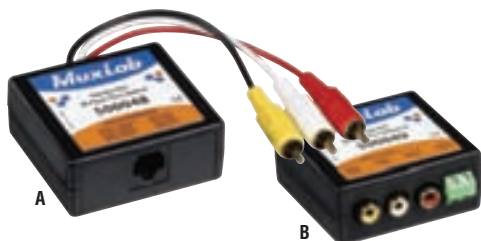
Order #	ONLY
33-11320	\$62.29



MuxLab S-Video Baluns

Allows a single S-video signal to be transmitted via unshielded twisted pair (UTP) cable up to 1000'. The product is available in two models; the S-Video Balun (500016) and the S-Video/Audio Balun (500017). Used in pairs, the S-Video Balun eliminates costly and bulky S-video cable, allowing S-video equipment to be connected or moved to any convenient modular outlet. The S-Video Balun also works in conjunction with MuxLab's Audio-Video Distribution Hub (500200) to allow S-video programming to be distributed via UTP. **Note:** Baluns must be used in pairs and are sold individually. •Sold individually

Order #	Mfr. #	Description	ONLY
33-9585	500016	S-Video	\$27.99
33-9590	500017	S-Video and Audio	\$3.99



MuxLab Composite Video plus Audio Balun with IR Pass Through

Allows one composite video, R/L audio and one IR signal to be transmitted via CAT5e/CAT6 cable. **Features:** •Transmits audio up to 3250' with less than 2dB loss •Transmits video up to 2200' with less than 2dB loss •Screw terminal for IR emitter pass through •Dimensions: 2 1/8" (L) x 2 1/4" (W) x 1" (H) •Used in pairs, sold individually

Fig.	Order #	Mfr. #	Description	ONLY
A	33-11230	500048	Balun with 6" pigtailed	\$59.99
B	33-11231	500049	Balun with RCA connections	\$9.99



MuxLab Dual S-Video Balun

NEW!

Allows up to two S-Video signals to be transmitted up to 1000' via a single CAT5e/6 cable. •Mfr. #500013 •Used in pairs, sold individually

Order #	ONLY
33-11315	\$48.49

MuxLab S-Video plus Audio Wall Plate Balun

NEW!

Identical to and interchangeable with the 500038 balun, this balun fits in a single gang box and is compatible with decora style wall plates. Sends S-video plus full spectrum analog audio over standard CAT5E/6 cable. Ideal in applications where full 20Hz~20KHz audio response is critical. Uses all four Cat5E/6 pairs, and sends signal up to 1,000'. S-Video and L/R RCA female connections to RJ45 female. •Mfr. #500038-WP-US •Used in pairs, sold individually

Order #	(1-3)	(4-up)
33-11490	\$69.88	\$65.59



MuxLab Videoease Quad Video Balun

•Developed for the security video and audio-video markets, the quad video balun allows up to four composite video channels to be transmitted over one Cat 5 cable, thus replacing up to four coaxial cables for more cost-efficient cabling •Supporting composite video up to 2,200' (670m) via Cat 5 cable and works in pairs •Streamlining cabling in applications such as security video, video-conferencing, classroom instruction, tradeshow demos, PC-training, airline information systems and home entertainment systems •Mfr. #500032 •Used in pairs, sold individually

Order #	ONLY
33-10110	\$65.99



MuxLab Stereo A/V Balun

The VideoEase Stereo Audio/Video Balun allows a single composite video signal and a maximum of two unbalanced audio signals to be transmitted via unshielded twisted pair (UTP) cable in a point-to-point connection. The Stereo Audio/Video Balun eliminates up to three coaxial cables, allowing audio/video equipment to be connected via space-efficient and cost-effective Cat 5 twisted pair cable. The Stereo Audio/Video Balun also works in conjunction with MuxLab's Audio/Video Distribution Hub (500200) allowing audio/video programming to be distributed via UTP. **Features:** Up to 2200' (670m) in color via Cat 5 UTP. Pair required for use, sold individually.

Order #	Mfr. #	ONLY
33-9625	500001	\$65.99



NEW!

MuxLab VideoEase S-Video plus Audio Balun

Sends S-video plus full spectrum analog audio over standard CAT5e/6 cable. Ideal in applications where full 20Hz~20KHz audio response is critical. Uses all four Cat5E/6 pairs, and sends signal up to 1000'. S-Video and L/R RCA female connections to RJ45 female. •Mfr. #500038 •Used in pairs, sold individually

Order #	(1-3)	(4-up)
33-11345	\$48.49	\$46.09



MuxLab Audio/Video Hub

The VideoEase Audio-Video Hub allows up to two baseband composite or one S-video signal and up to two audio signals to be distributed to up to eight destinations via twisted pair (UTP) cable for more cost-effective and versatile cabling. The Audio-Video Hub when used in conjunction with MuxLab's line of VideoEase baluns, allows coaxial cable to be eliminated between the audio-video source and the destinations. The product works with the CCTV Baluns (500000, 500009), Stereo Audio-Video Balun (500001), Dual Audio-Video Balun (500012) and S-Video Baluns (500016, 500017). A looping output allows the source input to be distributed to other baseband audio/video equipment including matrix switchers, multiplexers, VCRs and monitors. **Applications include:** Classroom audio/video instruction, corporate audio/video presentations, tradeshow demonstration systems, CCTV security and surveillance. **Features:** Up to 2200' in color via Cat 5 twisted pair cable. 2-year warranty. Mfr. #500200

Order #	ONLY
33-9615	\$525.00



MuxLab BNC Component Video Balun

Allows a 1080i component video signal to be transmitted up to 500' via CAT5e/6 cable. **Features:** •Supports 480i/p transmission up to 1000' •Supports 720p/1080i up to 500' •Includes three BNC jumper cables •Mfr. #500002 •Used in pairs, sold individually

Order #	ONLY
33-11300	\$75.99

MuxLab

VideoEase™ Composite Video/Stereo Balun

The VideoEase™ stereo/video balun allows a single composite video signal and stereo audio signal to be transmitted via UTP cable up to 2200' in a point-to-point connection. **Features:** •Full audio bandwidth response for high fidelity applications •20Hz~20KHz audio bandwidth •Built-in color-coded cable leads for ease of installation •Mfr. #500039 •Used in pairs, sold individually

Order # **ONLY**
33-9626 **\$55.99**

MuxLab

Videoease™ Quad Audio Balun

The quad audio balun allows up to four analog line audio signals to be transmitted via unshielded twisted pair cable in a point-to-point connection. One pair of quad audio baluns can replace four coax audio cables with one Cat 5 cable. **Features:** •Unbalanced, line-level analog audio up to 5000' via Cat 5 cable •Less than 1dB per pair over frequency range. Mfr. #500033. Used in pairs, sold individually.

Order # **ONLY**
33-10115 **\$65.99**

MuxLab

VideoEase™ MonoPro™ XLR

The MonoPro™ XLR connectors allow a standard AES analog or digital audio channel to be connected via Cat 5 unshielded twisted pair cable (UTP) in the professional audio environment. The product features rugged cable strain relief and comes with locking XLR3 connectors for added cabling versatility. **Features:** •Rugged cable strain relief •Line analog audio up to 5000' (1.5km) via Cat 5 •Digital audio up to 1400' (426m) via Cat 5 •Wires terminate inside product •Locking XLR3 connector •Optional wire terminal for ground/shield (if required) •Up to 5000' and 1400' via Cat 5 for analog or digital audio, respectively.

Order #	Mfr. #	Description	ONLY
33-10050	500025	MonoPro™ XLR male	\$27.99
33-10055	500026	MonoPro™ XLR female	27.99

MuxLab Stereo Audio Balun

Allows line level stereo audio to be transmitted up to 5000' via one CAT5e/6 cable. **Features:** •Up to 1000', 60Hz~20KHz •1000'~5000', 100Hz~20KHz •Less than 1dB loss •6" RCA leads •Dimensions: 1 7/8" (L) x 1" (dia.) •Mfr. #500027 •Used in pairs, sold individually

Order # **ONLY**
33-11240 **\$41.29**

MuxLab

Stereo A/V Wall Plate Balun

Identical to and interchangeable with model 500048 and 500049, this balun fits in a single gang box and is compatible with decora style wall plates. Sends composite video plus full spectrum L/R line level audio over standard CAT5e/6 cable. Screw terminals provide access to the fourth cable pair for pass-thru of IR signals. Maximum range is 2,200'. •Mfr. #500049-WP-US •Used in pairs, sold individually

Order # **ONLY**
33-11505 **\$75.99**

MuxLab Coaxial Digital Audio Balun

Allows a digital audio signal to be transmitted up to 600' via a single CAT5e/6 cable. •Mfr. #500020 •Used in pairs, sold individually

Order # **ONLY**
33-11325 **\$24.29**

MuxLab Dual A/V Balun

Allows up to two composite video signals and up to two unbalanced audio signals to be transmitted up to 2200' via one CAT5e/6 cable. •Mfr. #500012 •Used in pairs, sold individually

Order # **ONLY**
33-11310 **\$56.99**

MuxLab Stereo Audio Balun

✓3.5mm plug

Allows unbalanced line level stereo to be transmitted via CAT5e/6 cable up to 5000'. **Features:** •Ideal for connection to sound cards, laptops, MP3 players, etc. •Transmits up to 1000' at 60Hz~20KHz •Transmits from 1000'~5000' at 100Hz~20KHz •Less than 1dB loss •6" 3.5mm cable lead •Dimensions: 4 7/8" (L) x 1" (dia.) •Mfr. #500030 •Used in pairs, sold individually

Order # **ONLY**
33-11245 **\$41.29**

AUDIO/VIDEO

Audio/Video Distribution

Section 7

MuxLab

Decora Mount Balun Fixture

The wall mount balun fixture allows any MuxLab square balun to be installed behind a decora compatible wall plate for custom AV installation. Each balun snaps into place and is held firmly by a spring latching mechanism. The one-piece design makes the product easy to install and maintain. There are no parts to lose or replace. Mfr. #500910.

Order # **ONLY**
33-10585 **\$34.99**

MuxLab

Surface Mount Balun Plate

Allows MuxLab square baluns to be installed on a wall or furniture surface for a more permanent and secure installation. It covers the balun while allowing the pin configuration to be displayed for ease of reference. Mounting ears are positioned to allow multiple fixtures to be installed next to each other. Includes mounting screws and plastic drywall anchors. Mfr. #500915.

Order # **ONLY**
33-11475 **\$19.99**

#33-11470



#33-9620

MuxLab Rack Mount Chassis

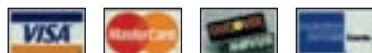
Designed as a head-end cable management solution, this allows any combination of MuxLab square baluns to be installed within any 19" rack. 16 balun chassis occupies 2RU space, six balun chassis occupies 1RU. Blank filler panels available separately.

Order #	Mfr. #	Description	(1-3)	(4-up)
33-9620	500900	16RU panel	\$229.00	\$219.00
33-11470	500902	6RU panel	169.00	159.00
33-11465	500901	Blank filler	16.99	16.19

MuxLab Stereo Audio Balun

Allows unbalanced line level stereo to be transmitted up to 3250' via a single CAT5e/CAT6 cable.

•Mfr. #33-11330 •Used in pairs, sold individually
Order # **ONLY**
33-11330 **\$44.99**





Section 7

AUDIO/VIDEO

Audio/Video Distribution



NEW!

MuxLab

VideoEase™ Passive Video Balun Receiver Hub

Compatible with any MuxLab CCTV video balun, this hub acts as a 16 channel passive receiver. Perfect for use with DVR's up to 16 channels, this unit allows cameras to be located up to 2200' away, sending video over Cat5A cable. Each of the 16 inputs are screw terminal for direct connection to unterminated cable pairs. Outputs are BNC female. Compatible with all baluns listed below, each available separately. Passive device, requires no power.

Order #	Mfr.#	Type	(1-3)	(4-up)
33-11405	500130	16CH hub	\$350.00	\$330.00
82-9485	500000	Modular balun	27.99	26.59
82-9490	500009	Compact balun	23.99	22.79
33-10065	500022	PTZ balun	31.99	30.39
33-11390	500100	Active balun	82.99	78.79
33-11395	500101	Active balun	82.99	78.79



MuxLab

VideoEase™ Passive Video Balun Receiver Hub

This 16 port hub allows video, remote power and PTZ control to be transmitted via one Cat 5 cable. It features full DC isolation for systems where ground loops may be present and works in conjunction with all MuxLab CCTV baluns. Passive device, requires no power.

Order #	Mfr. #	Type	(1-3)	(4-up)
33-11415	500133	16CH hub	\$625.00	\$594.00
82-9485	500000	Modular balun	27.99	26.59
82-9490	500009	Compact balun	23.99	22.79
33-10065	500022	PTZ balun	31.99	30.39
33-11390	500100	Active balun	82.99	78.79
33-11395	500101	Active balun	82.99	78.79



NEW!

MuxLab

Passive CCTV Power Integrator Hub

This hub allows video, remote power and PTZ control to be transmitted via one Cat5e/6 cable between the CCTV camera and the DVR/IP encoder in the security video environment. **Features:** •Built-in 16-channel CCTV power supply •24/28VAC selector for each port •Power-thru or pass-thru mode port configuration •Auto resettable fuses on each port •2RH height •Seamless integration with 500130, 500022, 500024 •Mfr. #500136

Order #	ONLY
33-11520	\$899.00



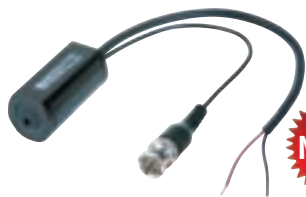
NEW!

MuxLab

PTZ CCTV Balun

Allows CCTV video and digital pan, tilt and zoom control signals to be transmitted up to 1400' via a single CAT5e/6 cable. •Mfr. #500007 •Used in pairs, sold individually

Order #	ONLY
33-11305	\$44.99



NEW!

MuxLab

CCTV Power plus Video Balun

Allows BNC video as well as power to be transmitted up to 500' via one CAT5e/6. •Mfr. 500029 •Used in pairs, sold individually

Order #	ONLY
33-11335	\$22.19



NEW!

MuxLab

Composite Video Balun

Intended for composite video signal transmission, this balun is perfect for video surveillance applications. Uses one Cat5e/6 pair, and sends video up to 2,200'. RCA male video connection to RJ45 female. •Mfr. #500031 •Used in pairs, sold individually

Order #	(1-3)	(4-up)
33-11340	\$24.19	\$22.99



NEW!

MuxLab

PTZ Pass-Thru Balun

This unit allows video, remote power and 2-wire PTZ control to be transmitted via one Cat 5e/6 cable, while providing full ground loop isolation. It may be installed either at the camera or DVR side in conjunction with other standard MuxLab CCTV baluns. Maximum distance using Cat 5e cable is 2200'. Passive device, requires no power. Mfr. #500132.

Order #	(1-3)	(4-up)
33-11410	\$51.99	\$49.39



NEW!

MuxLab

VideoEase™ Active Composite Video Balun Transmitter

Active balun circuitry provides improved performance, greater range and full ground loop isolation between video components. They are perfect for video surveillance applications where distances up to 3000'. Transmitters are available with 12VDC or 24VAC power requirements, making them compatible with most video camera power supplies. Both transmitters require Mfr. #500009 balun as the receiver.

Order #	Mfr.#	Type	(1-3)	(4-up)
33-11390	500100	12VDC	\$82.99	\$78.79
33-11395	500101	24VAC	82.99	78.79
82-9490	500009	Passive receiver	23.99	22.79



NEW!

e-labs

HDMI 1.3 Balun Set

✓IR and RS232 support

Capable of transmitting video signals at resolutions up to 1080p up to 328', this balun set also accepts input from an infrared receiver and transmits the signal via the same CAT5e/6 cable. **Features:** •Can also transmit RS-232 (DB9 connections) up to 115.2kbps •3D ready •Bi-directional RS232 and IR signals •Maximum data rate: 3.4Gbps •Audio transmission supports Dolby TrueHD, DTS-HD MA •Mfr. #HM1CK-3

Order #	ONLY
33-11200	\$504.00



NEW!

e-labs

HDMI Active Balun Set

Complete set allows HDMI signals to be sent up to 50 meters, over two CAT5e cable runs. **Features:** •Transmits 1080i resolution up to 50m, and 1080p resolution up to 30m •Dip switch digital level and EQ adjustments •Rugged metal housing •Weight: 1.4lbs. •Mfr. #HM6EK

Order #	ONLY
33-11050	\$201.00



NEW!

e-labs

Passive Component Video Balun Transformer with Digital Audio

•High-definition balun transformer •Distributes component video signals with PCM digital audio over Cat 5 UTP •300'~1000' •Custom designed with wide bandwidth •Can be used for four composite video signals •Rugged metal chassis •Mfr. #C5-HDP

Order #	ONLY
33-11052	\$48.49



Back



NEW!

e-labs

HD A/V Transmitter Over Cat 5 or 6

•Distributes high definition component or composite video and digital audio or left and right audio over extended distances using Cat 5 wire •Active amplification ensures high-quality transmission •Loop output for use of additional Cat 5 transmitters •Six Cat 5 outputs for additional locations •Discrete passive IR channel for the use of external IR remote control systems •For use with Cat5RX receivers (#33-10256) •Mfr. #C5T6

Order #	ONLY
33-11060	\$201.00

Active HDMI Over Dual Category 5 Balun Set



Complete kit consists of an active transmitter and receiver set for sending HDMI signals over dual Cat 5e or Cat 6 cable runs. The transmitter unit connects to the HDMI audio/video device with a HDMI connection. The receiver is located near the HDTV display source and connected to the display source with a HDMI connection. Then, the transmitter and the receiver units are connected together with two Cat 5 cables that transmit a pristine high-definition signal between the A/V device and the HDTV display up to 200' (720p). Power is required at the receiver end, UL listed AC adapter is included. **Features:** •Supports computer resolutions up to 1920 x 1200 (WUXGA), 12 bit color depth •HDMI version 1.3 compliant •H.D.C.P. (High Bandwidth Digital Content Protection) compliant **Distances:** •720p: 200' •1080i: 165' •1080p: 100' **Specifications:** •Video amplifier bandwidth: 2.25Gbps •Single link range: 1080p •Input video signal: 0.5~1.0V p-p •Input DDC signal: 5V p-p (TTL) •Data speed transfer: 10.2Gbps •Power requirements: 5VDC •Dimensions (each unit): 2" (W) x 1.88" (H) x 3.25" (D)

Order #	MSRP	ONLY
50-10245	\$199.00	\$122.00

#33-10255



HDTV Audio/Video Distribution Hub and Receiver



- ✓Accommodates component video (Y/Pb/Pr) plus digital audio
- ✓Active video amplifier circuit
- ✓Loop through output send for multiple receivers
- ✓IR remote path

Distribute high-definition component video and digital or left or right audio over extended distances using Cat 5e wire. Video and audio loop output to accommodate future expansion to additional Cat 5e transmitters and receivers. Supports 1080i video up to 300' with Cat 6.

Order #	Mfr. #	Description	ONLY
33-10255	Cat5TX	Transmitter	\$101.00
33-10256	Cat5RX	Receiver	117.00



simon HDMI over Category 5 UTP

ExtenderHD™ transmitters and receivers work together to allow HDMI digital signal path transmission over Cat 5 or Cat 6 UTP cable (two cables required) up to 250 meters. Used in pairs (sold separately), the transmitter and receiver allow you to switch between two HDMI source inputs. **Features:** •Compliant with HDMI 1.2, HDCP 1.1 and DVI 1.0 specifications •Supports resolutions up to 1080p at 50/60Hz. **Specifications:** •Input: One HDMI female port •Output: One Cat 5 (RJ-45) jack for video and one Cat 5 (RJ-45) jack for DDC •Power: 5VDC power supply adapter (included) **Dimensions:** 123" (W) x 125" (D) x 30" (H).

Order #	Mfr. #	Description	ONLY
33-10450	X-CAT TRAN	Transmitter	\$83.49
33-10451	X-CAT 50	Receiver (50m)	83.49



Audio/Video to Category 5 Balun System

Take advantage of Cat 5 (or higher) cable for interconnecting A/V components over long distances. Common signal formats such as composite video, RGB component video, S-video and line level audio can easily be sent over UTP cable distances from 400'~1000' depending on model. In retrofit applications, utilize existing unused pairs of Cat 5 data cable already in place. In new construction, take advantage of the smaller size and lower cost of Cat 5 cable when distributing signals throughout the structure. Housed in compact ABS enclosures, each balun accepts standard RJ-45 male connectors. Completely passive design, these units require no power. Each unit is clearly labeled to identify which RJ-45 connector pair is used for the designated signal path.

Video Balun

Use to send composite video signal over Cat 5 cable. This balun features a gold plated female RCA connector, and female RJ-45 jack. Screw terminals are available for connecting unterminated Cat 5 cable. Utilizes one pair (pin 7/8) of Cat 5 cable. **Specifications:** •Maximum distance: 1000' •Bandwidth: 50Hz~8MHz •Dimensions (excluding connector): 1.0" (H) x 0.85" (W) x 2.0" (L) •Sold individually, must be used in pairs

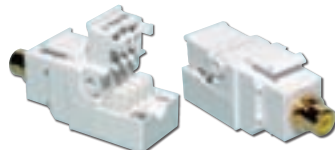


Order #	MSRP	(1-3)	(4-up)
50-7710	\$34.95	\$12.99	\$11.21

Keystone Mount

Composite Video Balun

Intended to send composite video signal over Cat 5 cable, this balun features an RCA female connector with yellow insert, for easy identification as the video path. Rear mounted IDC connector allows simple, fast connection to unterminated Cat 5 cable. Maximum distance: 1000'. **Sold individually.**



Order #	MSRP	(1-3)	(4-up)
50-7715	\$34.95	\$12.99	\$11.21

Keystone Mount

Composite Video Balun

Intended to send composite video signal over Cat 5 cable, this balun features a BNC female connector and is ideal for use in video surveillance applications. Rear mounted IDC connector allows simple, fast connection to unterminated Cat 5 cable. Maximum distance: 1000'. •Sold individually



Order #	MSRP	(1-3)	(4-up)
50-7716	\$34.95	\$11.49	\$10.19

BNC Video + DC Power Balun

- ✓Accommodates composite video
- ✓Provides path for 12VDC power
- ✓1,000' max distance

Use to send composite video signal and low voltage DC over Cat 5 cable. Compact size and male In addition to the BNC connection, two screw terminals are provided for direct access to a second cable pair. This is ideal for remotely providing DC power to devices such as surveillance cameras and small LCD television monitors. **Specifications:** •Maximum distance: 1000' •Maximum recommended distance for power: 300' (using 12VDC, 500mA) •Dimensions (excluding connector): 1.0" (H) x 0.85" (W) x 2.0" (L)



Order #	MSRP	(1-3)	(4-up)
50-7745	\$35.95	\$20.99	\$18.49

BNC Video + DC Power Balun

- ✓Accommodates composite video
- ✓Provides path for 12VDC power
- ✓Convenient 8" BNC pigtail
- ✓1,000' max distance

Use to send composite video signal and low voltage DC over Cat 5 cable. This compact balun features a male In addition to the BNC connection, two screw terminals are provided for direct access to two cable pairs (in parallel). This is ideal for remotely providing DC power to devices such as surveillance cameras and small LCD television monitors. Utilizes three cable pairs. **Specifications:** •Distance: 1000' (Cat 5), •Maximum recommended distance for power: 300' (using 12VDC, 500mA) •Dimensions (excluding connector): 1.0" (H) x 0.85" (W) x 2.0" (L) **Sold individually, must be used in pairs**

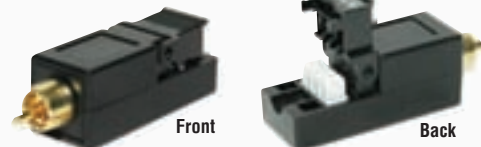


Order #	MSRP	(1-3)	(4-up)
50-7746	\$39.95	\$22.99	\$20.39

RCA Composite Video Balun

- ✓Accommodates composite video
- ✓Male RCA connector
- ✓Accepts unterminated Cat 5 cable
- ✓1,000' max distance

Use to send composite video signal over Cat 5 cable, this balun features very compact size, and a male RCA connector for easy attachment directly to equipment including monitors, VCRs, DVD players, processors and cameras. A specially designed tool-less IDC connector provides quick, reliable connection to unterminated Cat 5 cable. **Specifications:** •Bandwidth: 50Hz~8MHz •Distance: 1000' max, using 24AWG UTP •Dimensions (excluding connector): 0.813" (H) x 0.813" (W) x 1.875" (L) •Sold individually, must be used in pairs



Order #	MSRP	(1-3)	(4-up)
50-7748	\$25.95	\$12.99	\$11.21



Section 7

AUDIO/VIDEO Distribution

MCM CUSTOM AUDIO



BNC Video Balun

- ✓ Accommodates composite video
- ✓ Convenient 8" BNC pigtail
- ✓ Accepts unterminated Cat 5 cable
- ✓ 1,000' max distance

Use to send composite video signal over Cat 5 cable, this compact balun features a male BNC connector attached to the end of an 8" pigtail. Due to their low cost, and slim design, multiple units may be connected side-by-side to equipment. A specially designed tool-less IDC connector provides quick, reliable connection to unterminated Cat 5 cable. **Specifications:** •Bandwidth: 50Hz~8MHz •Distance: 1000' max, using 24AWG UTP •Dimensions (excluding connector): 0.625" (H) x 0.625" (W) x 1.563" (L) **Sold individually, must be used in pairs**

Order #	MSRP	(1-3)	(4-up)
50-7751	\$29.95	\$17.49	\$15.29

MCM CUSTOM AUDIO



BNC Video Balun

- ✓ Accommodates composite video
- ✓ Male BNC connector
- ✓ Accepts unterminated Cat 5 cable
- ✓ 1,000' max distance

Use to send composite video signal over Cat 5 cable, this balun's very

compact size and male BNC connector makes for easy attachment directly to equipment including monitors, processors and cameras. Due to their low cost, and slim design, multiple units may be connected side-by-side to equipment. A specially designed tool-less IDC connector provides quick, reliable connection to unterminated Cat 5 cable. **Specifications:** •Bandwidth: 50Hz~8MHz •Dimensions (excluding connector): 0.625" (H) x 0.625" (W) x 1.563" (L)

Order #	MSRP	(1-3)	(4-up)
50-7750	\$25.95	\$16.99	\$15.54

#50-7769

#50-7768



MCM CUSTOM AUDIO

Four Channel Video Baluns

- ✓ Accommodates four composite video signals
- ✓ RCA or BNC connectors
- ✓ 1,000' max distance

Use to send up to four independent composite video signals over a single Cat 5 run. Baluns are available with either female RCA or BNC connectors, allowing compatibility with a wide variety of multimedia and security applications. They are also compatible with RGB and component video signal formats. Baluns feature female BNC or RCA connectors, and a single female RJ-45 jack. Utilizes four Cat 5 cable pairs, baluns may be inter mixed. **Specifications:** •Video bandwidth: 50Hz~8MHz •Distance: 1000' max (Cat 5) •Dimensions (excluding connectors): 1.0" (H) x 2.28" (W) x 3.22" (L)

Order #	Connectors	MSRP	(1-3)	(4-up)
50-7768	RCA	\$74.95	\$34.49	\$30.58
50-7769	BNC	74.95	34.49	30.58



MCM CUSTOM AUDIO

L/R Audio/Video Balun

- ✓ Accommodates composite video and L/R line level audio
- ✓ Female red/white/yellow RCA connections
- ✓ 1,000' max distance

Use to send composite video, plus two channels of unbalanced line level audio over Cat 5 cable. This balun features three gold

plated female RCA connectors, color coded red, white and yellow, and a single female RJ-45 jack. Utilizes three Cat 5 cable pairs: •Red: Pin 1/2 •White: Pin 3/6 •Yellow: Pin 7/8. **Specifications:** •Video bandwidth: 50Hz~8MHz •Audio bandwidth: 10Hz~50KHz •Dimensions (excluding connectors): 1.0" (H) x 2.36" (W) x 3.22" (L) **Sold individually, must be used in pairs**

Order #	MSRP	(1-3)	(4-up)
50-7730	\$79.95	\$34.49	\$30.58



MCM CUSTOM AUDIO

L/R Audio Balun

Use to send two channels of unbalanced line level audio over Cat 5 cable. This balun features two gold plated female RCA connectors, color coded red and white, and a single female RJ-45 jack.

Utilizes two Cat 5 cable pairs: •Red: Pin 1/2 •White: Pin 3/6. **Specifications:** •Maximum distance: 1000' •Bandwidth: 10Hz~50KHz •Dimensions (excluding connectors): 0.85" (H) x 1.69" (W) x 1.94" (L)

Order #	MSRP	(1-3)	(4-up)
50-7725	\$59.95	\$22.99	\$20.39

MCM CUSTOM AUDIO

Line Level Audio Balun

- ✓ Accommodates line level video
- ✓ Male RCA connector
- ✓ Accepts unterminated Cat 5 cable
- ✓ 1,000' max distance

Use to send a single channel of line level audio over Cat 5 cable. A specially designed tool-less IDC connector provides quick, reliable connection to unterminated Cat 5 cable. **Specifications:** •Bandwidth: 50Hz~8MHz •Dimensions (excluding connector): 0.813" (H) x 0.813" (W) x 1.875" (L)



Order #	MSRP	(1-3)	(4-up)
50-7742	\$25.95	\$17.49	\$15.29

MCM CUSTOM AUDIO

Component Video Balun

- ✓ Accommodates component video (Y/Pb/Pr)
- ✓ Female red/green/blue RCA connections
- ✓ 400' max distance



Use to send Y/Pb/Pr component video signals over Cat 5 cable. This balun features three gold plated female RCA connectors, color coded red, green and blue, and a single female RJ-45 jack. Utilizes three Cat 5 cable pairs: •Red: Pin 7/8 •Green: Pin 3/6 •Blue: Pin 1/2. **Specifications:** •Bandwidth: 50Hz~8MHz •Dimensions (excluding connectors): 1.0" (H) x 3.2" (W) x 2.4" (L) **Sold individually, must be used in pairs**

Order #	MSRP	(1-3)	(4-up)
50-7720	\$99.95	\$45.99	\$39.99



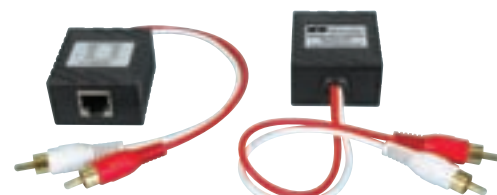
MCM CUSTOM AUDIO

L/R Audio/Video Balun

- ✓ Accommodates composite video and L/R line level audio
- ✓ Convenient pigtail leads
- ✓ 1,000' max distance

Use to send composite video, plus two channels of unbalanced line level audio over Cat 5 cable. This balun features three 8" pigtails with gold plated male RCA connectors, color coded red, white and yellow, and a single female RJ-45 jack. **Specifications:** •Video bandwidth: 50Hz~8MHz •Audio bandwidth: 10Hz~50KHz •Distance: 1000' max (Cat 5) •Dimensions (excluding connectors): 1.0" (H) x 2.36" (W) x 3.22" (L) **Sold individually, must be used in pairs**

Order #	MSRP	(1-3)	(4-up)
50-7732	\$79.95	\$36.49	\$32.63



MCM CUSTOM AUDIO

L/R Audio Balun

- ✓ Accommodates L/R line level audio
- ✓ Convenient pigtail leads
- ✓ 1,000' max distance

Use to send two channels of unbalanced line level audio over Cat 5 cable. This balun features two 8" pigtail leads, each terminated with gold plated male RCA connectors, color coded red and white, and a single female RJ-45 jack. Utilizes two Cat 5 cable pairs: •Red: Pin 1/2 •White: Pin 3/6 **Specifications:** •Bandwidth: 10Hz~50KHz •Distance: 1000' max (Cat 5) •Dimensions (excluding cables): 0.85" (H) x 1.69" (W) x 1.94" (L) **Sold individually, must be used in pairs**

Order #	MSRP	(1-3)	(4-up)
50-7724	\$69.95	\$25.49	\$22.43



MCM CUSTOM AUDIO

Component Video Balun

- ✓ Accommodates component video (Y/Pb/Pr)
- ✓ Provides path for SPDIF audio
- ✓ Convenient pigtail leads
- ✓ 400' max distance

Use to send Y/Pb/Pr component video signals over Cat 5 cable, a female orange RCA connector provides path for digital audio (SPDIF). Cat 5 connection is a single female RJ-45 jack. Utilizes four pairs: •Red: Pin 7/8 •Green: Pin 3/6 •Blue: Pin 1/2 •SPDIF: Pin 4/5 **Specifications:** •Distance: 400' max (Cat 5) •Dimensions: 1.0" (H) x 3.2" (W) x 2.4" (L) **Sold individually, must be used in pairs**

Order #	MSRP	(1-3)	(4-up)
50-7722	\$109.00	\$50.99	\$45.32



#50-10265
#50-10270



#50-10255

#50-10250

MCM CUSTOM AUDIO

VGA Balun Series

- ✓ Interchangeable wall plate and stand alone models
- ✓ Accommodates VGA signals
- ✓ Range up to 450' depending upon resolution

Ideal when computer monitor or other high-resolution video signal needs to be sent long distances. Cable runs are greatly eased by the use of smaller, lower cost Cat 5 UTP cable. These are perfect for installation of multimedia systems in educational environments, boardrooms and public areas. All units consist of an HD-15 connector for connection to the PC or monitor, and a female RJ-45 for connection to the UTP cable. Four different configurations are available, allowing a wide variety of installation possibilities. **Distance (Cat 5):** •VGA (640 x 480): 450' •SVGA (800 x 600): 350' •XGA (1024 x 768): 250' •SXGA (1280 x 1024): 200' **Note:** Baluns are sold individually and must be used in pairs. A pair must include one PC side balun and one monitor side balun.

VGA					
Order #	Type	Side	Connector	MSRP	(1-3) (4-up)
50-10250	In-line	PC	Male	\$99.95	\$50.99 \$43.01
50-10255	In-line	Monitor	Female	99.95	50.99 43.01
50-10265	Wall plate	PC	Female	99.95	50.99 43.01
50-10270	Wall plate	Monitor	Female	99.95	50.99 43.01

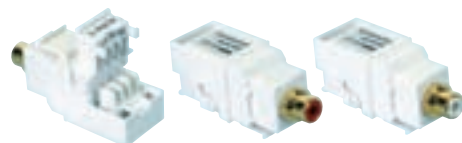
MCM CUSTOM AUDIO

S-Video Balun

- ✓ Accommodates S-video
- ✓ Separate chroma and luminance paths
- ✓ Accepts unterminated Cat 5 cable
- ✓ 1,000' max distance

Use to send S-video signal over Cat 5 cable. Independent balun circuits provide separate paths for chroma and luminance signals, utilizing two pairs of Cat 5 cable. This balun features a female 4 pin S-video connector, and female RJ-45 jack. Utilizes pin 7/8 (luminance) and pin 4/5 (chroma). **Specifications:** •Bandwidth: DC-6MHz •Dimensions: 1.19" (dia.) x 2" (L) **Sold individually, must be used in pairs**

Order #	MSRP	(1-3)	(4-up)
50-7735	\$39.95	\$18.49	\$16.31



MCM CUSTOM AUDIO

Keystone Audio Baluns

Intended to send line level audio signals over Cat 5 cable, these baluns are sold as individual red and white units. Internally identical units feature RCA female connectors with the appropriate color code insert, for easy identification of left or right audio channel. Rear mounted IDC connector allows simple, fast connection to unterminated Cat 5 cable. Maximum distance: 1000'. **Sold individually.**

Order #	Color	MSRP	(1-3)	(4-up)
50-7760	Red	\$36.95	\$13.99	\$12.23
50-7761	White	36.95	13.99	12.23



e-labs

Component Audio/Video HDTV Distribution Amplifier with Digital Audio

- ✓ Single input with eight outputs
- ✓ Loop through output to cascade additional units
- ✓ Compatible with Y/Pr/Pb and composite video applications
- ✓ Accommodates L/R line level and SPDIF digital audio

Distribute digital and analog television signals, from a single A/V source to nine televisions/receivers, or use one port as a loop-thru output port to cascade additional distribution amplifiers. **Features:** •Component video (Y, Pr, Pb, or Y, Cr, Cb), composite video, analog audio and SPDIF digital audio distribution •High bandwidth (>50MHz) performance, low distortion, and one-to-one signal ratio ensures equal picture quality. Power: 9-10VAC, 500mA adapter included. Mfr. #AV901HD.

Order #	ONLY
33-10090	\$202.00



e-labs

Component Video Distribution Amplifier

- ✓ Single input with four outputs
- ✓ Accommodates component video (Y/Pr/Pb) applications
- ✓ Accommodates L/R line level audio

Four-way audio/component-video distribution amplifier for Y, Cb, Cr and Y, Pr, Pb applications. Features high performance, low distortion and true one-to-one signal ratio. These professional grade amplifiers are cascable for use in large displays and are enclosed in metal housings to reduce interference. Mfr. #AV400COMP.

Order #	ONLY
33-7050	\$95.99



e-labs

S-Video Distribution Amplifier

Allows for multiple signal distribution equal to the source signal input. Four way audio/video distribution amplifier with S-video inputs and outputs. Features high performance, low distortion and true one-to-one signal ratio. These professional grade amplifiers are cascable for use in large displays and are enclosed in metal housings to reduce interference. Mfr. #AV400SV.

Order #	ONLY
33-7045	\$70.99

AUDIO/VIDEO

Audio/Video Distribution



Section 7



e-labs

Component Audio/Video HDTV Distribution Amplifier

- ✓ Single input with eight outputs
- ✓ Loop through output to cascade additional units
- ✓ Accommodates component video (Y/Pr/Pb) applications
- ✓ Accommodates L/R line level audio

Distribute digital/HDTV and analog television signals from a single A/V source to nine televisions/receivers, or use one of the output ports to cascade additional distribution amplifiers. **Features:** •Component video (Y, Pr, Pb) and audio distribution •Compatible with all HDTV, digital and analog signals •High performance, low distortion, one-to-one signal ratio ensures equal picture quality •Unlimited cascade capability •Mfr. #AV901COMP

Order #	ONLY
33-10080	\$117.00



e-labs

Component Audio/Video HDTV Distribution Amplifier with Digital Audio

- ✓ Single input with four outputs
- ✓ Loop through output to cascade additional units
- ✓ Compatible with Y/Pr/Pb and composite video applications
- ✓ Accommodates L/R line level and SPDIF digital audio

Allows for multiple signal distribution equal to source signal input. Distribute digital/HDTV and analog television signals, including digital audio and composite video from a single A/V source to five televisions/receivers, or use one loop-thru output port to cascade additional distribution amplifiers. **Features:** •Component video (Y, Pr, Pb, or Y, Cr, Cb), composite video and SPDIF digital audio distribution •Compatible with all HDTV, digital and analog signals •High bandwidth (>50MHz) performance, low distortion, and one-to-one signal ratio ensures equal picture quality **Power:** •9-10VAC, 500mA adapter included •Mfr. #AV501HDX

Order #	ONLY
33-10087	\$151.00



e-labs

High-Performance Distribution Amps

- ✓ Single input with four or seven outputs
- ✓ Accommodates L/R line level audio and composite video

These high-performance distribution amplifiers feature specifications such as a true one-to-one ratio, no signal loss, low noise, low distortion and unity gain.

Order #	Mfr. #	Outputs	ONLY
33-6875	AV400	Four	\$50.49
33-6880	AV700	Seven	65.99



Section 7

AUDIO/VIDEO Audio/Video Distribution

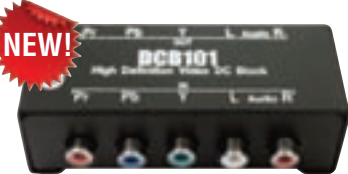


HDMI Distribution Amplifier

•Enhanced amplified signals for longer cable runs •HDMI/HDCP compliant •Supports high-resolution displays of UXGA, 480i, 480p, 720p, 1080i, 1080p •Secure HDMI connection with integrated cable

retention bracket •Multiple amplifiers can be cascaded for additional high definition distribution

Order #	Mfr. #	Description	ONLY
33-11055	HA4-3	1 x 4	\$242.00
33-11057	HA8	1 x 8	393.00



Five Channel DC Isolation Unit

•This isolation transformer connects into the audio/video system and breaks the ground path through cables between components •Eliminates the dreaded hum bars •Compatible with HD component distribution amplifiers •Up to three video channels may be used for three individual composite video signals if desired •Mfr. #DCB101

Order #	ONLY
33-11062	\$40.49



HDMI 4 x 2 Matrix Switch

✓Coaxial digital output

Simple solution for feeding multiple HDMI sources to two different displays. Digital coaxial output allows for connection to home theater amplifier. Audio signal can also be transmitted via HDMI. **Features:** •HDMI 1.3, HDCP 2.0 compliant •Digital coaxial audio output (output A only) •Supports up to 1080p resolution •Remote control included •Dimensions: 8 3/4" (W) x 1" (H) x 2 3/4" (D)

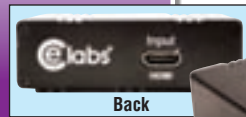
Order #	MSRP	ONLY
33-11100	\$179.99	\$101.00



Three Way HDMI Switch

•Supports 1080p resolution •Automatically switches between HDMI input sources •Push button operation •Remote control included for manual operation •Two rear panel inputs, one front panel input •Rear panel output •HDMI v1.3 HDCP compliant •5VDC, 1A power supply (included)

Order #	MSRP	ONLY
33-11105	\$69.99	\$40.49



HDMI To Composite Scaler

•HDMI 1.2a compliant •HDCP content protection compliant (pass signal with HDCP downgrade) •Converts signal from HDMI formats 480i, 480p, 576p, 720p, 1080i, 1080p (digital signals), to NTSC 480i (analog signal) •Easy installation •Audio output impedance: 1Kohm •Power requirement: 5VDC, 1A with 2.1mm power jack •Power supply included •Mfr. #HSC11

Order #	ONLY
33-11065	\$101.00



Compact High-Definition Digital Media Player

•Plays media (MPEG1, MPEG2, MPEG4, DivxHD, WMV and WVM9-HD) from included 2Gb compact flash, thumb drive (not included), or from your network via Ethernet •Ideal for video signage, high-definition TV wall displays •Durable construction for 24/7 playback •Outputs: Component video, VGA, composite video, digital audio, L/R audio •Mfr. #HD300ZX

Order #	ONLY
33-11070	\$353.00



HDMI Distribution Amplifiers

Split one HDMI source to distribute to multiple high-definition displays. Ideal for retail displays, entertainment venues, and multiple residential displays. Extends the range of HDMI compliant device by equalizing and boosting the HDMI signal up to an additional 50'. **Specifications:** •Input/output: HDMI v1.2a+, HDCP 1.0/1.1 •Video formats supported: VGA 1920 x 1200 and 1080p •Operating frequency: Up to 165MHz •External power supply (included): 5VDC for 110V

Dimensions (L x W x H) with feet	Order #	Description	MSRP	(1-4)	(5-9)	(10-24)	(25-up)
3.4" x 1.73" x .66"	33-10540	1 x 2	\$179.00	\$55.99	\$47.63	-	-
10.625" x 7.18" x 1.83"	33-10542	1 x 4	249.00	121.00	118.00	\$112.00	\$107.00
17.323" x 7.893" x 1.748"	33-10545	1 x 8	399.00	252.00	248.00	242.00	231.00



Digital Media Player

•Excellent cost-effective digital signage solution in stand-alone applications •Easily installs on the back of most LCD panels •Easy-to-use interface •Includes remote control

•Playback formats: (video) MPEG-1, MPEG-2, MPEG-4, (audio) WAV, MP3 •Supported media cards: Compact flash type I/II, IBM micro drive, MMC, MS, MS-Pro, MS-Duo, SD •Package includes: Digital media player, stereo audio cable, infrared remote control, user manual, composite video cable, S-video cable, and power adapter •Mfr. #MP50A

Order #	ONLY
33-11075	\$181.00



HD Digital Media Player

•Use any HD display for digital signage applications •High-definition real time decoding up to 25Mbps over ethernet •Multi-layering video and web browser •Integrated event logging •UDP/RTP multicast stream MPEG2 and H.264 decoding •Integrated play list •Media files •Programmable durations •Loop and schedule functions •Multiple play list support •Includes 4Gb flash card

Order #	Mfr. #	ONLY
33-11080	MP400A	\$807.00



HDMI 1.3 Input Switch

•Easily switch between multiple HDMI sources while running a single HDMI cable to your high-definition display •Extends the range of HDMI compliant device by equalizing HDMI signal •Included discrete IR remote (not included with #33-10532) •Auto sensing inputs allow switching between only active HDMI sources **Specifications:** •Output video: HDMI 1.3b + HDCP 1.0/1.1 •Video formats supported: Up to VGA 920 x 1200 and HD 1080P •Video amplifier bandwidth: 2.5Gbps/250MHz •External power supply (included): 2A 5VDC for 110V (neither included nor required for #33-10532)

Order #	Description	MSRP	(1-4)	(5-up)
33-10532	2 x 1	\$59.95	\$25.49	\$20.05
33-10533	3 x 1	79.95	32.49	29.67
33-10535	5 x 1	109.00	50.49	45.04





HDMI Scaling Media Center

•This six-input media center switch allows you to scale all source inputs to 1080p and send them over a single HDMI cable to your display •Perfect solution for utilizing older A/V equipment or PCs with new high-definition displays •Switch among six sources: Two HDMI, two analog (composite, S-video, or component), and two VGA **Specifications:** •HDMI v1.3, HDCP (Input pixel clock rate: 25MHz~225MHz) •Supports video up scaling to 1080p (pixel clock rate: 25MHz~165MHz) •3D Y/C separation comb-filter •Aspect ratio: 4:3 or 16:9 •10 bits video processor for analog to digital conversion •IR remote control and manual control •Dimensions: 13 3/8" x 6 3/4" x 1 3/8" •5VDC, 4A power supply (included)

Order #	MSRP	ONLY
33-10800	\$429.00	\$272.00



A/V Digital Analog Selector with IR Remote

Full-featured switcher connects up to three "like-kind" sources (HDMI to HDMI, VGA to VGA, etc.) to a single HDTV display. **Features:** •HDMI, VGA, RGB component video, and composite A/V connections •Delivers clean, uncompressed digital signals •Engineered for optimal signal transfer and minimal signal loss •Built-in HDMI output signal extender up to 100' (total length) •H.D.C.P. (High-Bandwidth Digital Content Protection) compliant •Supports high-definition 1080p and UXGA •Compact, time-saving LED illuminated control center and easy selection with remote control or front panel push-button controls •Power: 6V,400mA AC/DC power adapter (included) •Dimensions: 12 1/2" x 6" x 2 1/4".

Order #	ONLY
33-10424	\$173.00



MCM Remote Control Audio/Video Selector

This switcher can handle almost any consumer audio/video device you can throw at it. With the most common audio and video inputs; S-video, composite video, toslink digital audio and line level audio, you can connect your DVD, satellite receiver, VCR or game system to your home entertainment system. The switcher has three audio/video inputs and one audio/video output and an ultra thin remote control.

Order #	(ea.)	(2-4)	(5-up)
33-7755	\$52.49	\$49.60	\$47.14



Component Video/Audio to HDMI Converter

Compact adapter accepts line level left and right audio, plus component video (Y/Pr/Pb) video and provides HDMI output. •L/R RCA audio inputs •Red blue green RCA female input •HDMI female output •SPDIF digital audio output •Supports multiple resolutions, the output resolution matches that of the input •Dimensions: 1.1" (H) x 2.9" (W) x 1.3" (D) •Mfr. #PYPBHD40

Order #	(1-3)	(4-up)
50-13835	\$65.49	\$62.10



Component Video/Audio to VGA Converter

Compact adapter accepts line level left and right audio, plus component video (Y/Pr/Pb) video and provides VGA plus audio output. •3.5mm audio inputs •Red Blue Green RCA female input •HD15 female output •3.5mm audio output •Supports multiple resolutions, the output resolution matches that of the input •Dimensions: 1.1" (H) x 2.9" (W) x 1.3" (D) •Mfr. #PYPBV760

Order #	(1-3)	(4-up)
50-13840	\$63.49	\$59.98



S-Video/Composite to HDMI Up-Converter

Ideal if you need to connect your old video game system, DVD player, VCR, or any other A/V source to a new HDMI equipped television. The PCVHDM49 will also up-convert the image to 720p resolution. **Features:** •Unit will also transmit audio signals via HDMI •Powered via included AC adapter •Dimensions: 6" (L) x 3 1/4" (W) x 1" (H)

Order #	ONLY
50-13730	\$87.99

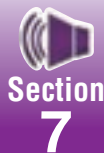


VGA/Audio to HDMI Converter

Compact adapter accepts line level left and right audio, plus VGA video and provides HDMI output. •3.5mm audio input •HD15 VGA input •HDMI female output •Supports multiple VGA resolutions, the output resolution matches that of the input •Dimensions: 1.1" (H) x 2.9" (W) x 4.3" (D) •Mfr. #PVHDM35

Order #	(1-3)	(4-up)
50-13830	\$65.49	\$62.10

AUDIO/VIDEO Audio/Video Distribution



PHILIPS High-Definition Automatic Switcher

•Hook up multiple video game systems, DVDs, VCRs, and any other A/V device to any TV that lacks the required number of AV inputs •Four inputs allow you to automatically switch between desired components •Features four audio/video, S-video, and component inputs; composite, S-video and component out •Component inputs provide ultimate picture performance and are found on most quality TVs/HDTVs and DVDs •Easy to hook-up and prevents cable swapping issues that could result in the jacks on the TV needing to be replaced.

Order #	ONLY
PH61150	\$30.49



Stellar Labs™ Composite/S-Video to HDMI Scaler

•Use your composite and S-video equipment with HDMI televisions, switches, receivers and more •Basic upscaling to 720P at 60MHz •Syncs audio and video channels •Works with any HDMI to DVI adapter •Dimensions: 6.1" x 2.75" x 0.90" •Includes 5V, 2A power supply

Order #	MSRP	ONLY
33-10720	\$179.00	\$60.99



MCM CUSTOM AUDIO Six-Way Video Selector

Tabletop video switcher provides independent selection of up to six A/V sources, routing them to two different destinations. Dual outputs, with independent selectors, allow easy recording of one source, while viewing another, or viewing of two different sources on separate monitors. Inputs and outputs are standard line level L/R audio, composite video, and S-video. Rugged metal enclosure measures 1 1/4" (H) x 11 1/4" (W) x 5 1/4" (D), including non-skid rubber feet. **Note:** Either composite or S-video inputs may be utilized, but not both. This selector will not convert from one video format to the other. Passive device requires no power.

Order #	MSRP	(1-3)	(4-up)
50-7780	\$69.95	\$46.99	\$43.01





Section 7

AUDIO/VIDEO Audio/Video Distribution



NEW!

Stellar Labs™ RF Modulator

Allows connection of any audio/video source to a television without RCA inputs. Modulator is also cascable (using standard CATV signal combiners), allowing a single coaxial cable to carry multiple video sources. **Features:** •Three RCA inputs (composite video and stereo audio) •Digital channel display •CATV channels: 64~125 (except 95~99) •UHF channels: 14~69 •3' coaxial cable included •Channel memory •Operates on 9VDC, 200mA power supply (included)

Order #	MSRP	ONLY
33-11095	\$49.99	\$29.99



MCM Audio/Video Selector

•Perfect for the entertainment center

•Combines four different video devices (VCR, laser disc player, etc.) into one output •Compatible with both mono and stereo devices •Four audio/video inputs, one audio/video output •20Hz~10MHz frequency range •Isolation 30dB minimum

Order #	ONLY
32-4420	\$15.50

Back



Channel Plus Digital RF Modulators

- ✓Models available with 1, 2 or 4 inputs
- ✓Places each input source on an independent channel
- ✓Selectable output on UHF 14~69 and CATV 65~125
- ✓Allows source selection by simply changing channels

The 5515, 5525-01 and 5545-01 are one, two and four channel input modulators with loop-out capabilities and integrated IR control. Each offers IR emitter output jacks and the ability to remotely power a DA-550 series or an DA-8200 series distribution panel from up to 75' away. The 5500 series works with both the 12 volt and 5 volt IR systems and accessories. The 5515, 5525-01 and 5545-01 offer 75ohm termination jumpers on all channels to loop-through the video and audio signals. **Features include:** 1, 2 and 4 channels, push button programming, UHF 14~64 and CATV 65~125, 25dBmV output.

Order #	Outputs	ONLY
5515	1	\$72.00
5525-01	2	\$124.00
5545-01	4	\$197.00

Back



Stellar Labs™ SLV A/V RF Modulator

- ✓Accepts composite video/line level audio source
- ✓Selectable output on CH3 or CH4
- ✓Auto switching between antenna and A/V source

The mini RF modulator is a compact, inexpensive modulator that will convert any composite video source to VHF for viewing on your TV on either channel 3 or 4. Its low signal loss enables it to deliver excellent picture and sound quality. This modulator allows you to connect additional A/V components, such as a DVD player or a gaming system, to your TV when there are no available RCA jacks. **Inputs:** Three RCA (composite video and stereo audio), one "F".

Order #	MSRP	(1-9)	(10-49)
33-9775	\$19.99	\$12.95	\$12.69



Four Way A/V Distribution Amplifier

•Perfect for in-store display demonstration walls or karaoke display •One input distributes four amplified outputs •Video and stereo sound input via RCA jacks •Frequency range: 20Hz~10KHz •Isolation: 30dB minimum •Video input: 75ohm •Audio input: 20Kohm •Operates from 15V/300mA adapter •Adapter included

Order #	ONLY
32-4430	\$27.95

Back



MCM CUSTOM AUDIO

A/V Distribution Amplifier/Selector

Tabletop distribution amplifier allows selection between two A/V inputs and provides up to four outputs. Independent left and right audio signal paths allow compatibility with stereo sources. Front panel pushbutton selects between two input sources, and internal amplifier maintains signal quality when distributed to four outputs. Gain at each output is 2dB over input signal level. Rugged metal enclosure measures 1 1/8" (H) x 7" (W) x 2 1/8" (D), including non-skid rubber feet. Requires 12VDC, AC adapter included.

Order #	MSRP	(1-3)	(4-up)
30-1376	\$49.95	\$24.95	\$22.50



Front



Back

RCA RF Modulator and Video Switcher

- ✓Four input selector
- ✓Accepts S-video or composite video/line level audio sources
- ✓Selectable output on CH3 or CH4

•Lets you connect components with S-video or composite output (DVD, satellite) to a TV without A/V jacks, by modulating the signal to RF •Ideal for hooking up several components to a TV •Combines RF modulator and S-video switcher into one unit •Converts any input (S-video, composite, A/V, stereo) to RF output •A/V and S-video switching •Composite to S-video converter •Front input, stereo input •Gold plated connectors

Order #	ONLY
CRF940	\$25.95



Back

Tru-Spec Digital UHF Modulator

- ✓Accepts composite video/line level audio source
- ✓Selectable output on UHF 14~69 and CATV 65~139
- ✓LED output channel display

The USM-8D is a low cost, frequency stable, UHF modulator developed for use in adding satellite, VCR, or security video channels to an existing home distribution system. The frequency adjustable feature allows multiple channel use at an extremely low cost. **Specifications:** •Frequency range: UHF channels 14~69 and CATV channels 65~139 •Video input: Composite •Output impedance: 75ohm •Output level: 7dBmV •Power input: 115VAC, 60Hz, 5W •Connectors: "F" for RF, RCA video and audio •Mfr. #USM-8D

Order #	(1-9)	(10-up)
33-2740	\$45.95	\$41.25



MCM Composite Video to S-Video Adapter

This high-quality adapter converts composite video to S-video and S-video to composite video. The adapter measures only 1 1/4" long and 1/2" in diameter allowing it to plug directly into the equipment and solves the problems associated with mixing composite and S-video inputs and outputs.

Order #	Description	(ea.)	(2-up)
33-0001	S male to RCA female	\$7.89	\$7.59
33-0002	S female to RCA female	6.39	6.19
33-0003	S female to RCA male	6.39	6.19



Sima Audio/Video Switcher

Add additional components to your TV and home theater system by providing additional A/V inputs to your system. Four A/V inputs including composite video and Y/C (S-video). Mfr. #SVS-14.

Order #	ONLY
80-3450	\$29.95

Prograde 1 GHz Bi-Directional RF Amplifier

•Compatible with HDTV and cable modems •1GHz bandwidth bidirectional amplifier •High pass filter: 54MHz~1GHz reduces cross mod •Low pass filter: 5MHz~40MHz in return path •20dB forward gain with 20dB adjustable attenuator •Mfr. #6001

Order #	ONLY
33-11085	\$49.99

DATA COMM™



HDTV Adjustable Distribution Amplifier

•Instant cable provider signal strength indicator •Eliminates screw-on attenuators •Extends precise signal strength beyond typical "no-loss" distribution amplifiers •Specifically designed for HDTV broadcasting (VSB8 & QAM64) •Meets and/or exceeds cable modem and PPV requirements •Protects equipment against voltage insertion •Eight independent adjustable attenuators (range: 0~40dB) •Nominal gain per output: 3dB+ •Forward bandwidth: 54~1.2GHz •Return bandwidth: 5~42MHz at 5dB gain •Maximum output on all 8 ports: +25dBmV/CH •Typical noise figure: < 4.5dB •Surge protection on all 8 ports: 6KV/3KA

Order #	Mfr. #	Description	ONLY
33-11045	70-0039	HDTV adjustable distribution amplifier	\$199.00
33-11046	70-0019	Custom 19" rack adapter	39.99
33-11047	70-0041	Custom enclosure adapter	19.99

CHANNEL PLUS

Distribution Panel

Creates an ideal entry level product for broadband distribution. Has one input for CATV or off-air antenna and six outputs. Four outputs are for up to 75' and two are for 150'. Has bi-directional capabilities allowing for compatibility with cable modem and interactive set-top boxes. **Specifications:** Bandwidth 54~806MHz. Gain: 20dB +/- 1dB.

Order #	ONLY
DA-506BID	\$79.95

CHANNEL PLUS

DA-520A

The DA-520A is a bi-directional amplifier providing 20dB of forward gain and 0dB reverse gain. **Specifications:** Bandwidth: 54~806MHz. Gain: 20dB +/- 1dB.

Order #	ONLY
DA-520A	\$70.00

Looking For A Special Product?

Call our Quotes Team
1-800-543-4330

email: quotes@mcmelectronics.com

NEW!

CHANNEL VISION™

Affinity™ Eight Output Digital Cable Combiner

Allows signal from two RF modulators to be injected directly onto a digital cable feed, and distributed to up to eight televisions, without the need for additional filters. Kit consists of the signal combiner which accepts three coaxial inputs, one digital cable and two modulated sources. Each of eight outputs feeds that signal to a remote location, and allows each location to independently switch between the digital cable feed, or the modulated signal. Eight remote IR coax targets are included for placement at each remote television. The system also provides an IR engine, allowing remote control of source devices, with the simple addition of standard IR targets at the signal combiner. Mfr. #P0328.

Order #	(1-2)	(3-up)
50-12950	\$325.00	\$309.00



BLONDER TONGUE

Broadband Distribution Amplifiers

Specifications: ZCM-101 RF: •Frequency range: 50~550MHz •Gain: 10dB •Noise figure: 3.5dB •Impedance-all ports: 75ohm ZCM-201 RF: •Frequency range: 50~550MHz •Gain: 20dB •Noise figure: 3.5dB •Impedance all ports: 75ohm

Order #	Mfr. #	(1-9)	(10-up)
33-2840	ZCM-101	\$14.95	\$14.25
33-2845	ZCM-201	21.50	20.20



Remote Control A/B Switch

•You'll never have to leave the comfort of your chair with this infrared remote control video switch •Allows you to switch between two 75ohm inputs (cable, antenna, satellite or dual cable systems) •75ohm output (TV) •AC adapter: 120VAC/12VDC, 100mA included •5MHz~900MHz bandwidth •89dB isolation •UL listed •Remote requires two "AA" batteries not included

Order #	Description	(ea.)	(2-up)
32-4425	Switch	\$27.95	\$22.50
32-4426	Replacement remote	7.12	-

AUDIO/VIDEO Audio/Video Distribution

Section
7

CHANNEL VISION™

Affinity™ Digital Cable Combiner

Allows signal from any standard RF modulator to be injected directly onto a digital cable feed, without the need for additional filters. Kit consists of two pieces, the signal combiner and remote IR coax target. Simply place the signal combiner at the source, and the IR coax target at the remote television. The included IR remote allows the user to select between the modulated source and digital cable. The system also provides an IR engine, allowing remote control of source devices, with the simple addition of standard IR targets at the signal combiner. Mfr. #P0321

Order #	(1-2)	(3-up)
50-12940	\$129.00	\$123.00

Tru-Spec™

Push-Pull Amplifiers

The CA-30 is a high-quality push-pull amplifier producing signals with extremely low distortion and harmonic content. The CA-30 enclosure uses a black anodized aluminum extrusion to assure reliable heat sinking and corrosion resistance. **Features:** •Wide frequency range: 54MHz~550MHz, 30dB gain, adjustable slope control, adjustable gain control, input and output test points, designed for CATV apartment distribution systems **Specifications:** •Bandwidth: 54~550MHz •Gain: 30dB •Gain adjust range: 0~8dB •Power requirements: 115VAC, 60Hz, 4W •Slope: 0~8dB variable •Noise figure: CA-30, 5.0dB

Order #	(1-9)	(10-up)
33-2670	\$179.00	\$174.00



#33-8745



#33-8760

Broadband Distribution Amps

For broadband applications up to 1GHz including cable television and digital television. Suitable for medium sized distribution networks including homes and small condominium complexes. High gain low noise amplifier with built-in FM trap. **Specifications:** Frequency range 40~1000MHz. FM trap -20dB. Power: 120VAC.

Order #	Outputs	Gain	Gain Adjust	(1-9)	(10-up)
33-8745	1	36dB	18dB	\$26.95	\$24.95
33-8755	2	15dB	10dB	24.95	22.95
33-8760	4	11dB	-	23.95	21.95



Section 7

AUDIO/VIDEO Distribution



RF Splitters

•75ohm splitters for use with cable, antenna, satellite, broadband, and other RF distributions •High frequencies available for use with digital satellite and broadband systems •All ports power passing

Order #	Outputs	Frequency Range	(1-9)	(10-24)	(25-49)	(50-up)
33-10955	2	5~1000MHz	\$0.80	\$0.76	\$0.70	\$0.63
33-10956	3	5~1000MHz	0.90	0.86	0.79	0.71
33-10957	4	5~1000MHz	1.00	0.95	0.88	0.79
33-10960	2	5~2300MHz	1.50	1.43	1.31	1.18
33-10961	3	5~2300MHz	2.01	1.91	1.76	1.59
33-10962	4	5~2300MHz	2.51	2.41	2.31	2.25



Four-Way Couplers

- For indoor and outdoor use
- RF shielding exceeds FCC specifications
- Maintains 75ohm impedance on trunk
- Full 5MHz~900MHz operational range
- Use 75ohm terminator on last trunk output (MCM #33-550)

Order #	Description	(1-9)	(10-49)	(50-up)
33-1425	16dB	\$6.31	\$5.98	\$5.45
33-1430	20dB	6.31	5.98	5.45
33-1435	24dB	6.55	6.16	5.63



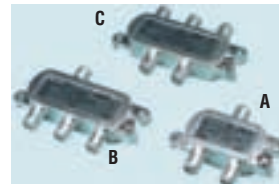
✓MCR

Mini Hi-Frequency Splitter

Mini hi-frequency splitter saves space in confined areas. DC passive one port. Attached plastic cable channel provides neat installations. Bandwidth: 5~2250MHz. Measures: 2" x 2" x 1" (port to port).

Order #	(1-9)	(10-up)
33-4860	\$5.24	\$4.86

RF Splitters



✓MCR Power Passive Splitters

Power passive splitters allow for use of in-line amplifiers and other DC powered devices. For applications to 1000MHz.

Fig.	Order #	Description	(1-9)	(10-up)
A	33-4400	2-way	\$2.72	\$2.31
B	33-4405	3-way	3.32	2.82
C	33-4410	4-way	4.03	3.52



CATV FM Tapoff

- Zinc die-cast mounting
- Provides connection to stereo tuner for MTV and other FM broadcasts usually available on cable TV lines

Order #	(1-9)	(10-99)	(100-up)
33-350	\$2.11	\$1.99	\$1.91

RF Filters and Attenuators



Cable Modem Isolator

Separates and isolates noise/EMI caused by higher cable modem transmission signals. Improves internet download reliability and reduces cable modem "sync" problems. Easily plugs into coax wall jack allowing dedicated runs to a cable modem and TV tuner.

•Frequency range: 10~770MHz •Insertion loss: <5.0db.

Order #	ONLY
33-10395	\$3.12



Voltage Blocking Coupler

- Blocks DC and low frequency AC power
- Solid brass body with nickel plating
- Female to male fittings
- 22 gauge spring steel center pin
- 1~1000MHz bandwidth
- 16dB return loss
- 0.3dB insertion loss

Order #	(1-9)	(10-up)
33-0020	\$2.72	\$2.41



Low Pass Filters

A low pass filter is used on systems when the broadband feed is supplied by a CATV service. The filter removes all CATV channels above the pass band, allowing insertion of locally generated channels.

Order #	Pass Band (MHz)	ONLY
LPF-380	40~380MHz	\$22.49
LPF-470	40~470MHz	23.49
LPF-600	40~600MHz	35.49
LPF-750	40~750MHz	37.49



FM Trap

Audio from the FM band can overcome the audio on adjacent television channels 6 and 7 and harmonics of the FM carrier. The FM trap eliminates the entire FM band from 88 to 108MHz reducing video noise and audio interference.

Order #	(1-49)	(50-up)
33-341	\$2.72	\$2.41



Ground Isolation Transformer

5MHz~2.4GHz

bandwidth for use in antenna, cable television and satellite systems. Reduces the effects of ground loops such as herringbone, beat and audio hum.

Order #	(1-9)	(10-up)
33-8700	\$20.49	\$17.12



Tru-Spec

Fixed Mini-Type Attenuator Pads

Features: Nickel-plated, solid brass body, monolithic ceramic printed circuit board, ensuring rugged construction, etched glaze-type resistors provide $\pm 5\%$ accuracy and excellent return loss, small 1.375" size, 22-gauge spring steel center pin, female to male fitting, not DC passive. Specifications: •Bandwidth: 100KHz~1750MHz •Return loss: 20dB typical •Accuracy: $\pm 5\%$

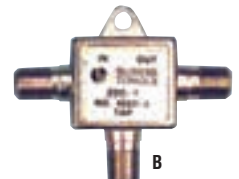
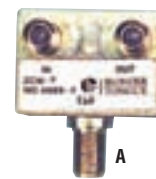
Order #	Description	(1-9)	(10-up)
33-2750	3dB	\$1.40	\$1.30
33-2755	6dB	1.40	1.07
33-2760	8dB	1.40	1.07
33-2765	10dB	1.40	1.30
33-2770	12dB	1.81	1.39
33-2775	16dB	1.40	1.07
33-2780	20dB	1.40	1.07



Fixed Mini-Types

•Nickel plated solid brass body •Monolithic ceramic printed circuit board, ensuring rugged construction •Bandwidth: 5KHz~950MHz •Not DC passive •5% accuracy •22 gauge steel center pin •Small: 1 1/8" size •"F" type female to male •75ohm •Three attenuators to choose from •Sorry--no mixing of values for quantity pricing.

Order #	dB	(1-9)	(10-49)	(50-up)
33-790	3	\$3.52	\$2.98	\$1.97
33-795	6	3.52	3.32	2.82
33-810	12	3.93	3.56	3.21



Solder Back Indoor/Outdoor Directional Couplers and Taps

Blonder Tongue offers a complete line of professional quality indoor/outdoor couplers and tapoffs covering frequencies up to 1000MHz. These products are available in both an L or T style cases. The variety of loss values offered guarantees that they have the right product for your application. These products feature a durable outdoor rated soldered back, cast housing, which shields against EMI and RFI disturbances.

Order #	Loss (dB)	(1-9)	(10-up)
A. L Style-SCW models			
33-2941	4	\$2.62	\$2.35
33-2946	6	2.62	2.35
33-2951	9	2.62	2.35
33-2956	12	2.62	2.35
33-2961	16	2.62	2.35
33-2966	20	2.62	2.35
33-2967	24	2.51	2.28
33-2968	27	2.51	2.28
33-2969	30	2.51	2.28
B. In-Line Style-SRT models			
33-2971	4	2.51	2.28
33-2976	6	2.62	2.35
33-2981	9	2.62	2.35
33-2986	12	2.62	2.35
33-2991	16	2.62	2.35
33-2996	20	2.62	2.35
33-2997	24	2.62	2.35
33-2998	27	2.62	2.35
33-2999	30	2.51	2.28



RF Splitters

AUDIO/VIDEO

Audio/Video Distribution



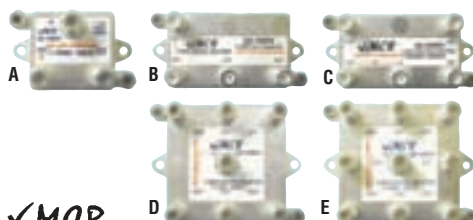
Section 7



✓MCR Vertical Splitters

- Nickel plated zinc die-cast housing •RFI shielding
- 2GHz splitters feature one power passive port marked on the splitter

Order #	Description	(1-9)	(10-up)
5~1000MHz			
33-4880	2-way	\$3.22	\$2.70
33-4885	3-way	4.23	3.78
33-4890	4-way	5.09	4.19
33-4895	6-way	6.35	5.40
33-4900	8-way	7.36	6.48
5~2150MHz			
33-7140	2-way	6.25	5.88
33-7150	4-way	10.49	9.36
33-7155	6-way	16.49	13.47
33-7160	8-way	19.49	16.04



✓MCR

High Frequency Vertical Satellite Splitters

High frequency vertically oriented splitters used for satellite and DSS applications. Power passive to operate in-line amps and multi-switches. Bandwidth: 5MHz~3000MHz.

Fig.	Order #	Description	(1-9)	(10-up)
1 Port Passive				
A	33-10235	2-way	\$6.25	\$5.93
B	33-10236	3-way	8.37	7.90
C	33-10237	4-way	9.08	8.63
D	33-10238	6-way	16.99	15.78
E	33-10239	8-way	17.99	16.77
All Ports Passive				
B	33-10241	3-way	9.08	8.76
C	33-10242	4-way	9.38	8.89
D	33-10243	6-way	16.99	15.78
E	33-10244	8-way	20.49	18.98

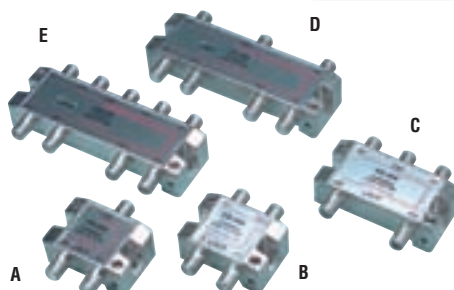
✓MCR

In-Line Splitters

The in-line port design of these splitters helps to keep cables organized and makes them perfect for installations in crowded areas. Nickel plated zinc die-cast construction. Bandwidth: 5~1000MHz.



Order #	Description	(1-9)	(10-up)
33-4865	2-way	\$3.22	\$2.70
33-4870	3-way	4.07	3.67
33-4875	4-way	5.24	4.86

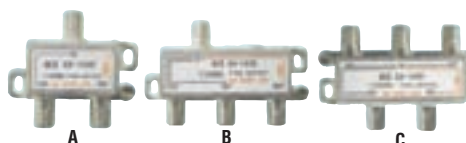


✓MCR

High Frequency Horizontal Satellite Splitters

High frequency splitters used for satellite and DSS applications. Power passive to operate in-line amps and multi-switches. Bandwidth: 5MHz~3000MHz.

Fig.	Order #	Description	(1-9)	(10-up)
1 Port Passive				
A	33-4350	2-Way	\$6.25	\$5.99
B	33-4355	3-Way	8.15	7.34
C	33-4360	4-Way	9.08	8.31
D	33-4365	6-Way	17.49	16.19
E	33-4370	8-Way	17.99	16.76
All Ports Passive				
A	33-4375	2-Way	6.25	5.99
B	33-4380	3-Way	8.47	7.56
C	33-4385	4-Way	9.30	8.52
D	33-4390	6-Way	17.49	16.43
E	33-4395	8-Way	17.99	16.76

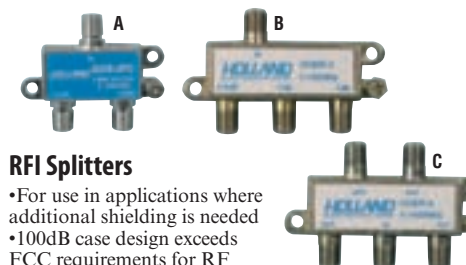


✓MCR

High Frequency RFI Splitters

DIRECTV® compatible high frequency performance to 3GHz. •Tin-plated zinc die-cast housing with soldered back to achieve RFI -130dB •Waterproof and airtight up to 30 P.S.I. with 4.55mm grounding hole and stainless steel screws •Low thru loss and high isolation with patent pending 360° insert pin. Bandwidth: 5MHz~3000MHz.

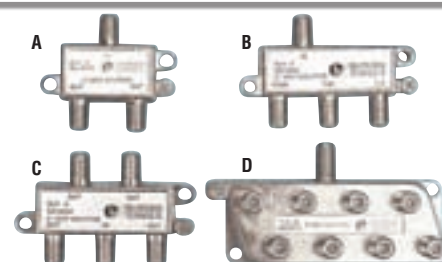
Fig.	Order #	Description	(ea.)	(2-up)
A	33-10245	2-way	\$3.52	\$2.38
B	33-10246	3-way	3.93	3.79
C	33-10247	4-way	4.03	3.86



RFI Splitters

- For use in applications where additional shielding is needed
- 100dB case design exceeds FCC requirements for RF shielding
- 25% more zinc content than standard splitters
- Case thickness increased by 50% to obtain very good RFI performance
- Mounting tabs with screws and grounding block
- 5MHz~1000MHz frequency response

Fig.	Order #	Type	(1-9)	(10-up)
A	33-2130	2-way	\$2.13	\$1.88
B	33-2135	3-way	3.02	2.50
C	33-2140	4-way	3.45	3.04



BLONDER TONGUE

Indoor Splitters

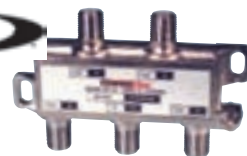
Performance to 1000MHz. 2, 3, 4 and 8 way models. Die-cast housing. RF shielding. Mounting tabs and grounding blocks.

Fig.	Order #	Description	(1-9)	(10-up)
A	33-2900	2-way	\$1.00	\$0.95
B	33-2905	3-way	1.81	1.68
C	33-2910	4-way	3.32	-
D	33-2915	8-way	6.66	6.54

CHANNEL PLUS

Splitter/Combiner

The Channel Plus bi-directional splitter/combiners provide a 1GHz bandwidth and are ideal for antenna and coaxial cable operations. It can be used to split a signal from a source or combine signals from multiple sources onto one coax run.



Order #	Description	Insertion Loss	DC & IR Passing	ONLY
2512	2-way	3.5 dB	Yes	\$5.34
2514	4-way	8.0 dB	Yes	7.87
2538	8-way	12.0 dB	No	10.99



High-Frequency Splitters

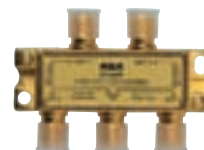
- Heavy-duty, die-cast design
- Power passive
- Low thru-loss
- 950MHz~1750MHz
- For use with satellite systems and other high-frequency applications

Fig.	Order #	Description	(1-9)	(10-up)
A	33-0035	2-way	\$4.03	\$3.87
B	33-0040	4-way	6.25	5.99

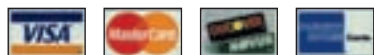
RCA

2.4GHz Four Way Bi-Directional Splitter

- High-grade circuitry allows the connection of components with minimal signal loss
- Maximum transfer of all your RF signals including higher digital frequencies means quality reception and excellent picture output
- Splits a 75Ω coaxial signal from cable TV, an antenna or a VCR for connection to two TVs/VCRs
- Frequency: 5MHz~2.4GHz
- Gold-plated input/outputs for reliable connectivity
- Dual-grounded connections
- Precision cast body



Order #	ONLY
DT44SP	\$12.49





Section 7

AUDIO/VIDEO Audio/Video Distribution



HOLLAND
Electronics LLC

50MHz~1GHz Broadband Amplifier

Ultra low noise
amplifier employs

high output push-pull design, with frequency range of 50MHz~1GHz, providing up to 34dB gain. Additionally, a passive 5~42MHz return path enables use with cable TV systems that utilize interactive digital boxes and broad band internet service. Variable gain and tilt adjustments allow installer to compensate for a wide range of cable lengths. **Features:** •Wide forward frequency range: 50MHz~1GHz •Ultra low noise figure •Push-pull SMD strip line circuit design •20dB input and output test •115VAC operation, no space consuming AC adapter **Specifications:** Forward frequency range: 54~1000MHz •Forward gain: 34dB •Gain adjustment range: 15dB •Max input level +5 dB •Max output level: 39dB •Return frequency range: 5~42MHz •Return insertion loss: 2.5dB •Power requirements 117VAC, 60 Hz, 6 W •Dimensions 2" (H) x 33/8" (W) x .8" (L) **7**

Order #	(1-9)	(10-up)
33-2675	\$156.00	\$148.00

#DA-550BID



CHANNEL PLUS

High Headroom Distribution Amplifier

The DA-550s can handle an extremely wide range of input signals from both NTSC and digital HDTV. With outputs to eight televisions, coax runs up to 150', three inputs, one from a CATV or antenna and two from modulators, the DA-550 is the heart of a multi-room distribution system. The DA-550BID offers a 5~42MHz return path for bi-directional communication for use with

#DA-550HHR

cable modems and pay-per-view applications. The DA-550HHR is used with high performance antenna applications for off air digital and NTSC signals. **Additional features:** IR engine, remote power and expandable outputs.

Order #	ONLY
DA-550BID	\$171.00
DA-550HHR	171.00



BLONDER TONGUE Multiple Dwelling Amplifier

Specifications: RF: •Frequency range: 47~550MHz •Gain: 32dB •Noise figure(a): 8.0dB •Output level: +44dBmV •Gain control range: 15dB •Slope control range: 10dB •Impedance all ports: 75ohm **General:** •Power requirements: •Voltage(d): 117VAC, ±10%, 24 •Frequency: 60Hz •Power: 13W •Mfr. #ACA 30-550

Order #	ONLY
33-2875	\$302.00



#30-2124



#30-2125



#30-2130



#30-2135

Channel Master® Distribution Amplifiers

•Commercial grade distribution amplifiers can be used for HDTV, CATV, off-air, analog, and digital RF distribution •Weather sealed housings •Average noise figure: 2.8dB •50~1000MHz

Order #	Mfr. #	Description	Gain	ONLY
30-2124	3410	1-way	15dB	\$35.49
30-2125	3412	2-way	11.5dB	42.49
30-2130	3414	4-way	8dB	47.49
30-2135	3418	8-way	4dB	60.99



CHANNEL PLUS

RF Distribution Amplifier

For systems with up to eight TV outlets and cable lengths up to 150'. The DA-8200 series provides outputs to eight televisions, three inputs from an off-air antenna or CATV and two modulator locations. May be remotely powered from up to 75' away by using a remote wall plate model 2010 or any 5500 series or SVM series modulator.

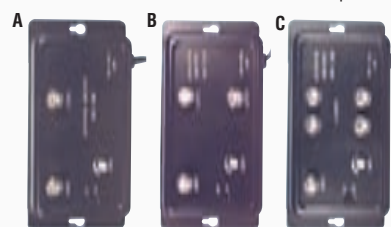
Order #	Description	ONLY
DA-8200BID	Bi-directional amplifier	\$171.00
DA-8200HHR	High head-room amplifier	171.00



✓MCR Broadband Structured Wire RF Amplifiers

Compatible with the market leader of structured wiring panels, these 5~1000MHz, DOCSIS® compliant amplifier modules are the ideal drop-in replacement for CATV in-home signal distribution. Improve your multimedia application with the latest broadband technology for HDTV QAM signals. Features include a durable, salt-spray-resistant housing, weather-sealed "F" ports, and exceptional surge performance.

Order #	Description	Gain	ONLY
33-10225	6 output	+6.5dB gain	\$88.99
33-10226	8 output	+10.0dB gain	101.00



RF Amplifiers

Low noise VHF/UHF/FM signal amplifiers. Variable gain control -10dB. Built-in FM trap (-20dB). **Specifications:** Frequency range: 40~862MHz. Noise figure: <7dB. Power: 120VAC.

Fig.	Order #	Outputs	Gain	(1-9)	(10-up)
A	33-8715	1	30dB	\$18.49	\$17.34
B	33-8720	2	25dB	19.49	17.68
C	33-8725	4	20dB	20.49	18.58

✓MCR Bi-Directional CATV Amplifiers



Digital amplifiers with return path for use with CATV converters (pay per view) and cable modems. Soldered back

ensures isolation and signal integrity. **Specifications:** Bandwidth: 54~1000MHz. Noise figure: 3.5dB. Power: 12VDC, 250mA via included adapter (using "F" cable).

Order #	Forward Gain	Reverse Gain	(1-9)	(10-up)
33-7110	15dB	0dB (Flat)	\$43.49	\$39.51
33-7111	15dB	10dB	48.49	43.38
33-7115	15dB	15dB	48.49	44.46



UHF/VHF/FM 25dB Amplifier

Features: •Low noise •Lightning protection •AC power indicator •Switchable FM trap

•Low cost **Specifications:** •Bandwidth: 54~900MHz •Gain: VHF, 25dB; UHF, 22dB •Maximum input: VHF, 18dB; UHF, 16dB •Maximum output: 40dB (54~800MHz) •Noise figure: VHF, 5dB; UHF, 7dB •75ohm input/output •Power requirements: 115VAC; 60Hz •Dimensions: 5 1/8" (W) x 1 1/8" (H) x 3" (D)

Order #	(1-9)	(10-up)
33-0450	\$28.49	\$27.64



Tru-Spec

UHF/VHF/FM 36dB Amplifier

Features: •Low noise •Two switchable FM traps •Separate gain

controls •AC power indicator •50dB output capability •20dB monitor output •Fuse protected **Specifications:** •Bandwidth: 54MHz~108MHz, 174MHz~216MHz, 470MHz~812MHz •Gain: VHF, 31dB; UHF, 36dB •75ohm input/output •Power requirements: 115VAC; 60Hz •Dimensions: 8 1/4" (L) x 1 1/8" (H) x 3 1/4" (D) •Fuse protected

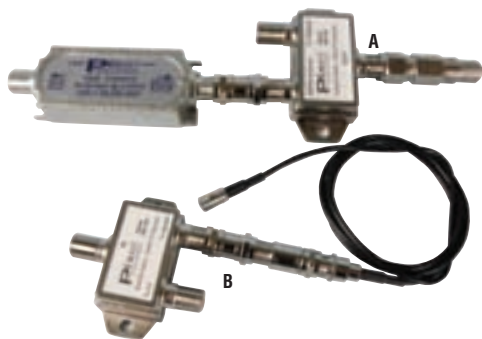
Order #	(1-9)	(10-up)
33-0890	\$95.99	\$88.97



Four-Way Amplified Coupler

•50MHz~550MHz bandwidth •1~3dB gain •117VAC power required •One input, four outputs

Order #	(1-9)	(10-up)
33-1475	\$13.99	\$12.61



Pixel
SATELLITE RADIO

Cable TV and Satellite Radio Multiplexer

•Utilize existing cable TV wiring to distribute satellite radio antenna signal •Designed to work with PRO-500 (#33-10620) and PRO-600 (#33-10645) antennas
•No external power supply required •All jumpers and adapters included •Sold as two separate input and output pieces

Fig.	Order #	Mfr. #	Description	ONLY
A	33-10705	SRC-DI	Cable/XM diplexer in	\$45.49
B	33-10710	SRC-DO	Cable/XM diplexer out	45.49



Pixel
SATELLITE RADIO

Satellite Radio RG-6 Cable Extender Kit

•Kit to permit the use of standard RG-6 cable with satellite radio antennas •When used with the included amplifier, this kit can extend the antenna cable up to an additional 125' •Add the flexibility of RG-6 cable
Kit includes: •SMB to "F" adapter (to mate with antenna cable) •High-gain amplifier •"F" to SMB adapter cable (to mate with radio) •Mfr. #EXTANT-01

Order #	ONLY
33-10600	\$48.49



Pixel
SATELLITE RADIO

Amplifier Satellite Radio Splitter Kit

•Operates up to four or eight satellite radios from a single antenna with this amplified splitter
•Includes all adapters and accessories •Uses standard RG-6 cable (not included) •Maintains proper RF link budget for the radio •Splitter loss at 2.35GHz has been compensated by an internal low-noise amplifier powered by DC voltage supplied by radios •Splitter has 8dB of gain •Adapters used to convert XM or Sirius SMA and SMB connections into an "F" connection to mate with RG-6 cables

Order #	Mfr. #	Description	ONLY
33-10675	SR-4	Four-way kit	\$101.00
33-10680	SR-8	Eight-way kit	262.00



#33-10690

#33-10695

Pixel
SATELLITE RADIO

Wide Band Four-Way Passive Splitter

•Designed for all AM/FM, HD radio, broadcast TV, cable TV, satellite radio, and satellite TV signals •Passes signals from 500KHz to 2.4GHz •Insertion loss: 12dB
•Use in conjunction with #33-10695 for lossless splits

Order #	Mfr. #	Description	ONLY
33-10690	MBS-4	4-way splitter	\$80.99
33-10695	MBA-12	Line amplifier for #33-10690	85.99



Pixel
SATELLITE RADIO

XM/Sirius Radio Ready Pro Pack

•Everything needed to add Sirius to any "XM Ready" or "Sirius Ready" receiver using up to 200' RG-6 cable
Kit includes: •Pro-500 outdoor antenna •"F" to SMB 3' adapter cable •Sirius SC-H1 tuner or XM CMP2000 tuner and dock

Order #	Mfr. #	For receivers	ONLY
33-10670	SRR-5	"Sirius ready"	\$222.00
33-10715	XMR-1	"XM ready"	212.00



Pixel
SATELLITE RADIO

Power Insertor Kit for XM Satellite Radio

•Designed to power line amplifiers and XM Satellite Radio amplified antennas •This unit consists of a 5VDC regulated power supply for use in RG-6 networks designed to distribute XM satellite radio signals •Mfr. # PS-1



Pixel
SATELLITE RADIO

Satellite Radio Multiplexer

•The components you need to multiplex the output of a satellite radio antenna onto the RG-6 from a DBS system •Supports cable runs up to 200' •Designed for the PRO-500 (#33-10620) and PRO-600 (#33-10645) antennas •Mfr. #SRDBS

Order #	ONLY
33-10700	\$64.95

Pixel
SATELLITE RADIO

Satellite Radio RG-6 Extension Kit

This antenna extension cable is designed to work with any satellite radio antenna (purchased separately) to extend the cable length 100' (lengths up to 300' can be achieved by cascading three cable kits).
Kit includes: •SMB to "F" adapter •High-gain amplifier •100' premium RG-6 cable with "F" connectors •3' female to SMB-plug adapter cable •Two coax seals
•Mfr. #PRO-100

Order #	ONLY
33-10615	\$70.99



AUDIO/VIDEO Audio/Video Distribution

Section
7

Pixel
SATELLITE RADIO

Professional High Gain Satellite Radio System for XM and Sirius

•Receives XM or Sirius satellite radio services
•Ideal for commercial, high-end home and multi-dwelling unit installations •Optimized for interference/multipath rejection and high gain reception of satellite radio signals •Antenna can drive up to 200' of RG-6 cable (not included) •Mounts to any horizontal or vertical surface or to a 1 1/2" diameter pole •High gain 12dBi antenna (5dB more than standard antennas)
Includes: •Built-in two-stage ultra high low noise amplifier •Wall and pole brackets and accessories •3' "F" female to SMB plug adapter cable to mate with radio •Mfr. #PRO-500

Order #	ONLY
33-10620	\$132.00



Pixel
SATELLITE RADIO

Dual Mode Satellite Radio Antenna

•High-quality future proof home antenna for simultaneous reception of both XM and Sirius Radio •70 beam-width for easy alignment and mounting
Drives up to 200' of RG-6 cable (not included)
•Azimuth and elevation adjustments for optimum aiming •Two-stage high-quality filtering for rejection of out-of-band interference •High-quality aluminum mount •Includes wall or pole mount brackets
•Mounts to any horizontal or vertical surface or pole up to 2" diameter.

Order #	ONLY
33-10645	\$101.00



Pixel
SATELLITE RADIO

SMA/SMB to "F" Adapters

•Adapters used to convert XM or Sirius SMA and SMB connections into an "F" connection to mate with RG-6 cables

Order #	Description	Qty.	ONLY
33-10605	3' SMB-plug to "F" female adapter cable	1	\$18.49
33-10610	3' SMB-plug to "F" female adapter cable	10	172.00
33-10650	SMA male to "F" female adapter	1	23.49
33-10655	SMB male jack to "F" male adapter	1	16.49
33-10660	SMB male jack to "F" male adapter	10	151.00

Pixel
SATELLITE RADIO

High Gain Line Amplifier

•For use in satellite radio distribution networks to overcome loss in cables and splitters •Gain: 16dB @ 4.5VDC •Current consumption: Typically 10mA @ 4.5VDC •Frequency range: 2320~2345MHz •Noise figure: 4dB max •Mfr. #SBA-1

Order #	ONLY
33-10640	\$20.49





Section 7

AUDIO/VIDEO Audio/Video Distribution



COBY®

Set-Top Digital Television Converter

Compact tuner receives over-the-air digital television broadcasts, and is compatible with virtually any older model analog television or recorder. Internal RF modulator will place signal on CH3 or CH4 on televisions without composite video inputs. **Features:** •Compatible with all 18 ATSC signal formats •On-screen electronic program guide support •Line level audio and composite video output •Coax antenna input •Coax antenna CH3 / CH4 output •Includes 27 button remote

Order #	ONLY
30-2202	\$50.49



RCA Passive Indoor Flat HD Antenna

•Paintable flat antenna is designed to disappear into any décor •Can be hung, lay flat, or stood vertically •Advanced 360° reception eliminates need to adjust antenna while changing channels •Designed for HD reception and receives UHF/VHF/FM signals •Includes coax cable •Mfr. #ANT1500

Order #	ONLY
30-2175	\$35.49



RCA Flat Black HD Antenna

• Receives local digital TV broadcasts and FM radio signals •360° reception patented technology eliminates constant adjustment •Enhances reception by amplifying weak signals with a built-in ultra low noise amplifier •Can be hung on a wall or lie flat •Coax cable included •Mfr. #ANT1450B

Order #	ONLY
30-2170	\$26.37



AM Loop Antenna

•Popular replacement AM antenna used on most stereo receivers •18 1/2" lead length

•300ohm impedance •Antenna has two pin quick connect for equipped systems •For systems with push terminals or screw terminals, simply cut and strip the ends of the antenna wire for your application

Order #	(1-9)	(10-up)
30-660	\$3.52	\$2.96



Set-Top Digital Television Converter

- ✓Composite and S-Video output
- ✓"Scan Add" function

Compact tuner receives over-the-air digital television broadcasts, and is compatible with virtually any older model analog television or recording device. Internal RF modulator can place signal on CH3 or CH4 on televisions without composite or s-video inputs. **Features:** •Compatible with all 18 ATSC signal formats •Line level audio and composite outputs, as well as s-video •On-screen electronic program guide support •"Scan add" feature adds channels to the existing list (instead of overwriting), allowing simple integration with an antenna mounted on a rotor •Mfr. #CM-7000

Order #	ONLY
30-2122	\$90.99



TERK
TECHNOLOGIES

HDTV Indoor Antennas

Terk indoor HDTV directional antennas are optimized for HDTV reception. Both UHF and VHF elements are uniquely designed for reception of all available HDTV off-air broadcasts (channel 2-69). Highly directional UHF elements reduce signal interference and improve average return loss for better reception and superior performance.

Order #	Mfr. #	Description	ONLY
30-2000	HDTVi	Non-amplified	\$40.49
30-2005	HDTVv	Amplified	\$8.99



Basic Slim Antenna

•Receives HD and DTV signals •Super slim design can be laid flat or hung horizontally on wall, even behind your television •Includes coax cable •Mfr. #ANT1000

Order #	ONLY
30-2165	\$10.49

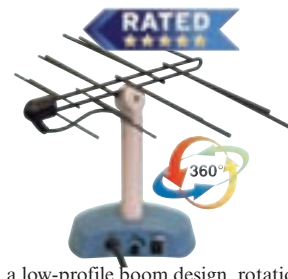


Channel Master™ INDOORTenna™ HDTV/UHF Antenna

•Excellent indoor HDTV/UHF reception •Passive antenna design

allows for increased forward gain while minimizing interference from side and rear •Place on set-top or mount on the wall •Includes 110" of coax cable •Dimensions: 10" (L) x 11.5" (W) x 8" (H) •Mfr. #CM-4040

Order #	ONLY
30-2150	\$26.49



MCM

HDTV Indoor Amplified Antenna

Ideally suited for indoor HDTV (UHF)off-air reception, this antenna features

a low-profile boom design, rotational elements for improved directional gain, and a 7-13dB adjustable gain control (power adapter included).

Order #	ONLY
30-2100	\$20.49



Stellar Labs™

UHF/VHF/HDTV Indoor Antenna

•An amplified UHF/VHF antenna that will receive all FM, DTV, and HDTV signals •Adjustable amplifier for better control on reception gain •"F" type input for connecting

external antenna, VCR, cable, or other source, or used stand-alone •Great for areas where an outdoor antenna is required for some stations, but nearby stations that are too strong require an indoor antenna •Frequency range: 40-860MHz •Max noise: 6dB •Max amplification: 28dB •Power source: 120VAC or optional 12VDC

Order #	MSRP	ONLY
30-2160	\$24.95	\$15.49



ANTENNAS DIRECT

Variable Attenuator

For those living very close to transmitting towers, problems with multipath interference can occur because the signals are so strong that they bounce off nearby buildings and other objects and cause multiple images to appear on one's TV screen. This attenuator allows users to dial down the signal to reduce problems associated with this multipath and overloading interference.

Order #	ONLY
30-2118	\$12.49



FM Dipole Antennas

These high-quality FM dipole antennas can be used for many newer FM tuners and receivers. Available in three configurations: 300ohm

spade terminals, 75ohm male "F" connector and 75ohm female PAL connector. These antennas are constructed from high-quality 300ohm twin-lead and perform significantly better than the OEM supplied straight wire or a split two conductor antennas providing high-quality FM reception.

Order #	Description	(1-9)	(10-up)
30-1530	Male "F" connector	\$2.31	\$1.61
30-1535	Female PAL connector	2.11	1.56
30-110	Spade terminals	2.41	2.07



Compact HDTV Antenna

•Extremely low profile design can be mounted indoors or outdoors •Extremely low noise amplifier is designed for the latest digital and high-definition television reception •20dB gain •UV resistant case
Includes: •Antenna •Flexible arm mounting base •Power inserter •AC adapter •Coax cable •Mounting hardware

Order # **ONLY**
30-2205 **\$25.49**



PHILIPS

UHF Indoor/Outdoor Antenna

Easiest and best solution for urban/suburban UHF DTV (digital TV) reception. Perfect alternative to conventional outdoor antennas. Features:
•Built-in optimum gain amplifier, 18dB UHF, with low noise circuitry, under 3.5dB, for best possible DTV performance
•Efficient flat panel UHF array, up to 40 miles range •Compact yet effective size, 5" x 10" •Easily mounts on wall, mast or railing •Can be used with rotor (optional, mast only) •Ideal for RV or boat. Includes 20' cable, power injector, power supply, and flexible mounting kit.

Order # **ONLY**
MANT940 **\$37.49**



antennacraft

FM Turnstyle

•Offers the gain of a folded dipole with an omni-directional pattern
•Works in areas where stations are situated in many directions

Order # **ONLY**
30-855 **\$22.49**



antennacraft

Scanner Antenna

Covers VHF/UHF public service bands 30~1300MHz. Includes 300 to 75ohm matching transformer and 50' RG-6 coax cable.

Order # **ONLY**
30-1380 **\$44.99**



Pixel

AM/FM HD Radio Antenna Kit

•Professional quality AM/FM/HD radio antenna
•Receive stations from up to 90 miles in all directions •All signals combined on a single RG-6 cable up to 200' (not included) •Includes surge protector and all required adapters and jumpers
•Pole or wall mount •No preamplifiers required
•4' omni-directional monopole requires no ground plane •Mfr. #AFHD-4

Order # **ONLY**
33-10630 **\$161.00**

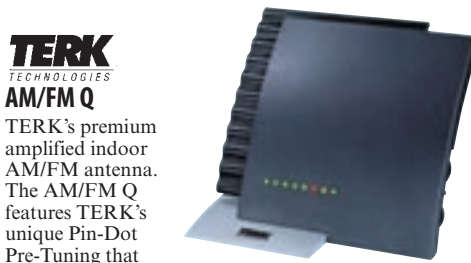


TERK

HDTV Amplified Outdoor Antenna

The Terk HDTV is an innovative, compact, amplified outdoor antenna that features powerful high gain, and offers versatile installation flexibility. Its unique design incorporates a highly directional log periodic antenna array and a pair of curved elements that combine to capture and focus HDTV signals. Mount flush to the side of a building, or use the included multi-mount mini-mast and base to install virtually anywhere.

Order # **ONLY**
30-2020 **\$131.00**



TERK

AM/FM Q

TERK's premium amplified indoor AM/FM antenna. The AM/FM Q features TERK's unique Pin-Dot Pre-Tuning that zeroes in on even hard-to-get stations by tuning the antenna to the station's frequency. Mfr. #AF-1.

Order # (ea.) (2-4) (5-up)
30-1550 **\$70.99** **\$68.36** **\$65.04**

TERK

AM Advantage

The AM Advantage antenna is a passive, fully adjustable indoor AM antenna designed for extended range capability. The antenna is intended to receive AM frequencies 530KHz~1600KHz for local and distant AM reception. The antenna features Pin-Dot™ Pre Tuning system which allow the user to adjust the antenna and match it to the specific frequency. Mfr. #ADVANTAGE.

Order # **ONLY**
30-1395 **\$45.49**



TERK

AM/FM Tower

Positioned vertically, the tower receives signals from all directions with equal strength. Used horizontally, it becomes highly directional to pull in weaker and more distant stations. It also distinguishes between signal reflections and the main signal to eliminate overload and multipath difficulties. **Specifications:** FM stereo section: •Amplifier gain: Variable 0dB~25dB •Impedance: 75ohm adaptable to 300ohm input with included matching transformer •FM operating band: 88~108MHz AM stereo section: •AM operating band: 500~1700KHz •AM gain: 15dB •Range: 360° 17" (H) x 3/4" (W)

Order # (1-9) (10-up)
30-1110 **\$22.49** **\$20.90**



AUDIO/VIDEO

Audio/Video Distribution



Section
7

TERK

TV55 Antenna

The TV55 indoor/outdoor amplified antenna is optimized for HDTV reception. The TV55's helical coil technology and patented dual-mode ultra-low-noise amplifier provide clear, powerful reception of HDTV and analog VHF/UHF broadcast signals, and its slim-profile design allows easy mounting under a windowsill, on a rooftop, on a wall or in any number of locations inside or outside a home. The TV55 includes cables and weatherproof stainless steel connectors, for easy integration with satellite systems. The kit combines local and satellite signals into a single RG-6 coaxial cable, eliminating the need to run an extra wire from the dish to the home. **Accessories included:** (1) power injector with 110VAC to DC power adapter, (1) 1/4-20 x 1 1/2" hex-head bolt, (1) 1/4-20 2 1/2" hex-head bolt, (1) mast mount base, (2) 1/4-20 x 1/4" hex-head bolts, (1) mast mount cover, (1) 1/4-20 wing nut, (2) window mount brackets (2-piece assemblies), 1/4-20 hexagon nuts, (2) wall mount cam-lock units, (2) #10 x 2 1/2" flat-head screws, (1) channel insert, (2) #8 x 1 1/2" flat-head screws, (1) 9/16" flat coaxial cable, (2) 1/4" split washers, (1) 36" RG-6 coaxial cable, (2) #10 plastic wall anchors. Mfr. #TV-55.

Order # **ONLY**
30-1525 **\$78.99**



TERK

FM PRO 50

FM PRO is the clear choice for the FM enthusiast. Designed to provide exceptional long-range FM reception, it may be mounted indoors or outdoors for a totally unobstructed installation. #30-1205 has a weather-proof housing and is easily installed in an attic, exterior side of the home or indoors in a closet, garage or interior wall. New Advanced Capture Circuitry™ (ACC) ensures that strong signals are locked in and weaker broadcasts are received with less noise. Terk's exclusive Dual Drive Amplifier boosts signals above noise and interference, using a DC-driven phantom power supply that is easily connected to your receiver.

Order # **ONLY**
30-1205 **\$101.00**

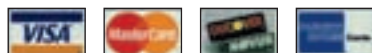


antennacraft

Omni-State Omni-Directional Antenna

The Omni-State antenna provides excellent reception of VHF and UHF channels in most viewing locations. Measures 21" in diameter and has a 20dB built-in amplifier. Operates on 120VAC with the supplied adapter.

Order # **ONLY**
30-1335 **\$78.99**

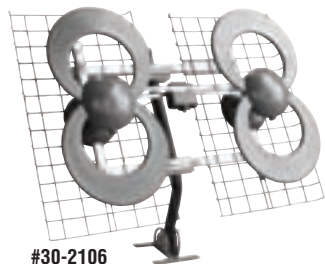




Section 7

AUDIO/VIDEO

Audio/Video Distribution



#30-2106



#30-2102



#30-2104

assemble • Unmatched power and efficiency through advanced computer design • Engineered for extra strength and durability • UHF and DTV spectrum (470~806MHz) • Multidirectional, up to 70° of beam width

Order #	Model #	Range Miles	Dimensions (H) x (W) x (D)	Gain	Weight	ONLY
30-2102	C1	0~30	10" x 10" x 4.5"	8 dBi	2.5 lb.	\$76.49
30-2104	C2	0~50	20" x 10" x 5"	10.2 dBi	3.5 lb.	88.99
30-2106	C4	0~65	19" x 20" x 4.5"	14.8 dBi	8.5 lb.	141.00

#30-2071



#30-2070



#30-2072



Uni-Directional HDTV UHF Antennas

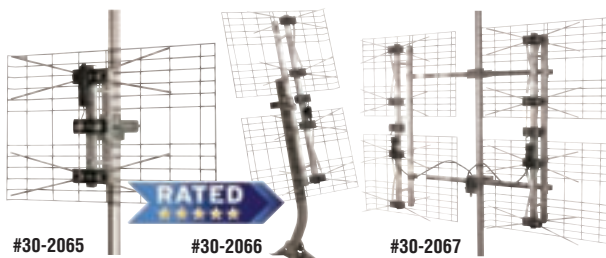
These powerful, weather-resistant, outdoor antennas are ideal for medium to long range applications that require the gain of the antenna to be concentrated in one direction. The Yagi style design effectively rejects off axis signals from structures that cause multi-path interference, and the corner reflectors on the back of the antennas improve the forward gain of the antenna resulting in exceptional performance across the entire UHF spectrum (channels 14~69).

Order #	Description	Range miles	Gain db	Dimensions (H) x (W) x (L)	ONLY
30-2070	Compact, 15-element, short-range	1~30	11.0	14" x 13" x 35"	\$50.49
30-2071	Mid-sized, 43-element, long-range	15~60	15.7	19" x 18" x 62"	57.99
30-2072	Large, high-gain, 91-element, long range	50~70+	16.7	22" x 20" x 93"	85.99



Multi-Directional HDTV UHF Antennas

Multi-directional antennas are designed to work in locations where the transmitters for digital stations are spread apart. These popular HD antennas utilize a bowtie design that provides a strong gain across the entire UHF spectrum (channels 14~69). They function incredibly well in areas where flexible aiming is required and feature a weatherproof construction that resists extreme wind loading.



#30-2065

#30-2066

#30-2067

Order #	Description	Range Miles	Gain	Dimensions	ONLY
30-2065	Indoor/outdoor, low-profile, short range	1~30	11.4db	12" (H) x 19" (W) x 4" (D)	\$37.49
30-2066	Outdoor, most popular, mid-range	15~55	13.7db	29" (H) x 19" (W) x 4" (D)	55.99
30-2067	Outdoor, high-gain, long range	50~70	15.8db	29" (H) x 42" (W) x 4" (D)	80.99



EASY-UP Masts

16 gauge corrosion protected mast ideal for television and communication antennas. 5' section swagged at one end. 2 1/2" section ideal for use above rotator.

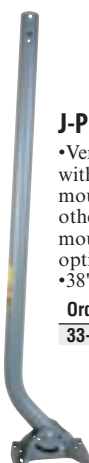
Order #	Size	ONLY
30-1080	2 1/2"	\$7.06
30-935	5'	12.49



EASY-UP Guy Wire

• 18 gauge, 6 strand heavy-duty guy wire • Vinyl coated to reduce effects of weather • Length: 100'

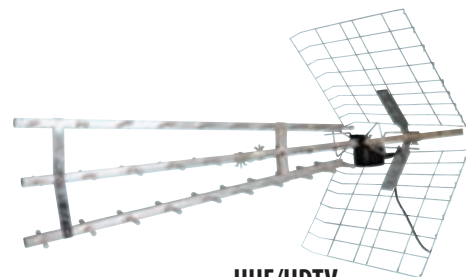
Order #	ONLY
30-1055	\$12.99



J-Pipe Mount

• Versatile all-in-one mount that can be used with antennas or satellite dishes • Can be mounted on the roof, wall, chimney or any other flat surface • J-pipe is reversible from mounting foot for a variety of positioning options • Gray weatherproof coating • 38" mast height • 1 1/8" mast diameter

Order #	(1-9)	(10-24)	(25-49)	(50-up)
33-10915	\$13.99	\$11.82	\$11.51	\$10.54



Stellar Labs™ UHF/HDTV Outdoor Antenna

• Directional outdoor antenna is optimized to pick up UHF signals for digital television and high-definition television broadcasts • Frequency range: 460~862MHz • 30 elements • 75ohm "F" type connection • 20dB • Up to 50 mile range

Order #	MSRP	ONLY
30-2155	\$39.95	\$20.49



#30-2140

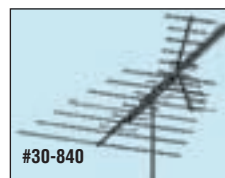


#30-2145

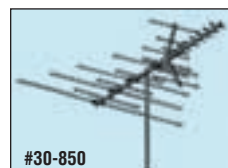
Channel Master® Ultra-Hi Crossfire™ HDTV/UHF/VHF/FM Antenna

• Exceptional outdoor reception of VHF/UHF channels 2~69, and FM • Deep fringe rated • Connects to either 75 or 300ohm download • Directional beam width of approximately 30°

Order #	Mfr. #	Max Range	Dimensions (L) x (W) x (H)	ONLY
30-2140	CM-3671	100 miles	173" x 110" x 35.4"	\$191.00
30-2145	CM-3679	60 miles	122" x 110" x 35.4"	131.00



#30-840



#30-850

antennacraft UHF/VHF/FM Antennas

• 300ohm output, includes 75ohm transformer

Order #	Description	Boom Length	Elements	ONLY
30-840	Colorstar 480	150"	48	\$80.99
30-850	Color King 5884	58"	25	30.49



#30-2110



#30-2112

ANTENNAS DIRECT Universal J-Mount

satellite dish mounting • Pivoting foot mount offers the ideal solution for mounting nearly anywhere, including side of house, roof top, deck rail, or any other flat surface • Pipe is reversible from plate for more mounting angle options • 20" mount is

ideal for the ClearStream antenna series Includes:

• J-shaped mounting pole • Mounting bracket • Expansion bolts

Order #	Size	ONLY
30-2110	30"	\$18.49
30-2112	20"	16.99

3' Tripods

- Used for mounting TV antennas and satellite dishes permanently or for temporarily use
- Fits masts up to 1 1/8" (included with portable unit)
- Standard tripod uses six bolts to tighten down on mast, and can be anchored on all legs with three lag bolts each
- Portable unit has integrated compass and bubble level, folds up for easy transportation, and secures to ground with anchor screw



Order #	Description	(1-9)	(10-24)	(25-49)	(50-up)
33-10905	Standard	\$18.49	\$16.15	\$15.39	\$15.23
33-10910	Portable	17.49	15.50	14.89	14.43

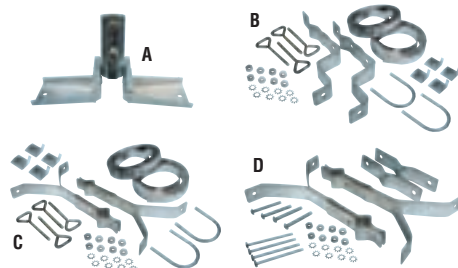


PERFECT 10™

Non-Penetrating Roof Mount

- Perfect solution for commercial buildings and other flat roofs
- For 18" and 24" dishes
- Uses six 8" x 8" x 16" cinder blocks for stability
- Powder coated for weather durability
- Angle iron frame

Order #	ONLY
33-10565	\$32.99

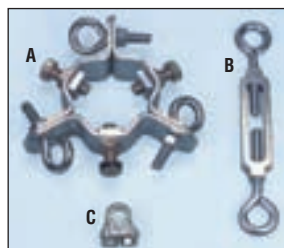


EASY-UP

Heavy-Duty Antenna Mounting Accessories

- Heavy-duty mount for masts up to 1 1/2" outer diameter
- Made of all steel construction
- Triple coat corrosion protection

Fig.	Order #	Description	ONLY
A	30-895	Roof mount	\$6.72
B	30-910	"Z" chimney mount	1.61
C	30-915	"Y" chimney mount	24.49
D	30-1160	Vent pipe mount	11.49



EASY-UP

Antenna Mounting Hardware

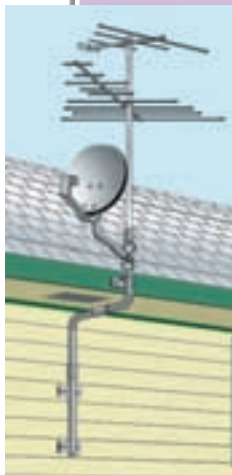
Fig.	Order #	Description	Qty.	ONLY
A	30-1030	Guy wire clamp up to 1 1/2" mast	1	\$3.73
B	30-1035	Turnbuckle - 7" open, 5" closed	3	4.13
C	30-1045	Cable clamps 1/2" open 1/2" closed	3	1.55

PERFECT 10™

TennaMount

A strong stable mounting system that supports both DBS and VHF/UHF antennas in one convenient location. Installs quickly and easily to the side wall of a building, and adjusts easily to roof overhangs. It can be wired with back-to-back splitters so all DBS, VHF and UHF signals travel on one RG-6 cable. All mounting hardware supplied.

Order #	ONLY
33-2630	\$54.99



Satellite Dish Pipe Adapter

- Adapt existing pipes and masts to work with satellite dish mounts
- Heavy gauge steel
- 1.66" outer diameter
- Tightens with two bolts

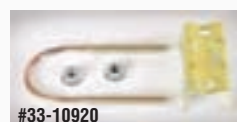
Order #	(1-9)	(10-24)	(25-49)	(50-up)
33-10890	\$2.11	\$1.91	\$1.76	\$1.59



PERFECT 10™ Siding Mount Block

- Clean and protective solution for mounting a satellite dish to vinyl siding
- Prevents insect infestations and weathering
- Comes in three styles to fit most aluminum and vinyl siding
- White

Order #	Description	Dimensions	ONLY
33-10560	Fits double 1/2" lap 4" siding	10" x 7"	\$8.99
33-10561	Fits 1/2" or 3/4" lap 5" siding	12" x 8"	8.99
33-10562	Fits Dutch lap siding	12" x 8"	8.99



Mast Mounts

- A variety of mast mounts for finding the perfect location to mount an antenna or satellite dish
- All mount fit up to a 1 1/2" mast
- Eave mount adjusts from 46"~68" span

Order #	Description	(1-9)	(10-24)	(25-49)	(50-up)
33-10880	4" wall mount	\$5.04	\$4.79	\$4.55	\$4.29
33-10882	8" wall mount	6.35	5.81	5.58	5.40
33-10925	Chimney mount	8.07	7.67	7.28	7.12
33-10920	U-bolt	1.61	1.43	1.31	1.18

AUDIO/VIDEO

Audio/Video Distribution



Section 7



TOGGLER®

SnapToggle®

Heavy-Duty Anchors

Turn a two person job into a one person job and get the job done faster. You can even pre-install without using a bolt for final installation later. The SnapToggle® anchor is a convenient, reliable, accurate, easy-to-use anchor, and the strongest toggle bolt in the smallest hole.

Order #	Mfr. #	Description	Quantity	ONLY
28-11025	43321	w/ 1/4" x 20 bolts	10pk	\$9.28
28-11026	25014	w/o 1/4" x 20 bolts	50pk	30.99
28-11030	43311	w/ 3/8" x 24 bolts	10pk	9.28
28-11031	25013	w/o 3/8" x 24 bolts	50pk	30.99

EASY-UP

Pitch Pad Kit

- Pitch pad and lag bolt kit
- Pads reduce risk of water leakage
- Use when mounting antennas on roof
- Contains six lag bolts

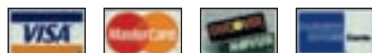
Order #	ONLY
30-940	\$3.09



Concrete 1/4" Anchor Kit

Widely used for many types of SATV and security installations. **Kit contains:** •100 1/4" pan-head screws •100 #8 plastic anchors •One masonry drill bit (1/4")

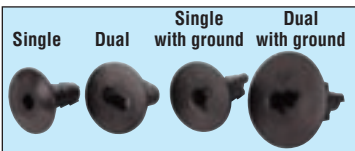
Order #	ONLY
28-11076	\$4.13





Section 7

AUDIO/VIDEO Audio/Video Distribution



Feed-Through Cable Bushings

• Gives a finishing touch and protection to through-wall cable installations • Available in single, dual, and ground-wire knock-out configurations • 100 per package

Order #	Description	(1-9)	(10-24)	(25-49)
33-10870	Single, white	\$3.12	\$2.90	\$2.79
33-10871	Dual, white	3.12	2.90	2.79
33-10872	Single, black	3.12	2.90	2.79
33-10873	Dual, black	3.12	2.90	2.79
33-10874	Single with ground, white	3.12	2.90	2.79
33-10875	Dual with ground, white	3.73	3.38	3.25
33-10876	Single with ground, black	3.12	2.90	2.79
33-10877	Dual with ground, black	3.73	3.38	3.25

Weather Boot

• Flexible black boot slides over cable and connection to protect it from outdoor elements • UV resistant • 2" length • 100 per package

Order #	MSRP	(1-9)	(10-24)	(25-49)	(50-up)
33-10950	\$19.99	\$7.06	\$6.78	\$6.50	\$6.31



Coax Seal

• Hand-moldable plastic seal is perfect for sealing outdoor connections and cable splices • 1/2" width • 60" length

Order #	MSRP	(1-9)	(10-24)	(25-49)	(50-up)
33-10945	\$4.99	\$1.99	\$1.89	\$1.74	\$1.57

CATV Security Tool

• Precision machined, high-quality security tool for connecting and disconnecting cables protected by a security sleeve • Long shaft fits all types of sleeves

Order #	Description	ONLY
33-0025	Security tool	\$7.36
33-0030	Security sleeve	0.60



Nylon Cable Clamps

Standard screw mount clamp holds wire up to 1/2" diameter. Natural color. 50 per bag.

Order #	I.D.	Width	(1-4 bags)	(5-9 bags)	(10 bags-up)
21-3668	1/8"	3/8"	\$3.12	\$2.82	\$2.69
21-3672	1/4"	1/2"	2.62	2.12	1.81
21-3676	3/8"	5/8"	3.12	2.93	2.79
21-3680	1/2"	3/4"	3.32	3.10	2.87

Flat Coax Jumper

• Thin, flexible coax coupler allows you to run cables through closed windows or other narrow gaps • Peel-and-stick adhesive keeps jumper in place • Conforms to any angle • 8" length

Order #	MSRP	(1-9)	(10-24)	(25-49)	(50-up)
33-10935	\$4.99	\$1.61	\$1.43	\$1.31	\$1.18

Copper Grounding Straps

Wraps around and tightens to pipe, conduit or other electrode to connect grounding wire.

Order #	Length	(1-9)	(10-24)	(25-49)	(50-up)
33-10815	6"	\$1.61	\$1.43	\$1.31	\$1.18
33-10820	12"	1.61	1.43	1.31	1.18

4" Grounding Rod

• Used to ground outdoor antenna and satellite systems • Use with proper grounding wire and clamps for a complete ground • High-strength steel with copper top layer • 1 1/32" thickness

Order #	(1-9)	(10-24)	(25-49)	(50-up)
33-10810	\$3.12	\$2.90	\$2.79	\$2.70

Self Adhesive Cable Tie Mounts

Nylon tie mount base accepts standard cable ties up to 3/8" wide. Self adhesive backing attaches to any smooth surface. 100 per bag. Available in black or natural color.

Order #	Color	Base Dimensions (mm)	Price Per Bag
21-3684	Natural	21 x 21	\$11.99
21-3686	Black	21 x 21	11.99
21-3688	Natural	28 x 28	17.49
21-3690	Black	28 x 28	17.49

Cable Clips

• Make any cable run look neat and secured in place by attaching coax or telecom cabling to walls and trim with high-impact plastic cable clips • Each clip includes a plated steel nail • 100 clips per package

Order #	Description	(1-9)	(10-24)	(25-49)	(50-up)
33-10850	Single, white	\$2.11	\$1.91	\$1.76	\$1.59
33-10852	Dual, white	2.62	2.39	2.20	1.98
33-10854	Single, black	2.11	1.91	1.76	1.59
33-10856	Dual, black	2.62	2.39	2.20	1.98



Single



Dual

Flex Cable Clips

• Remarkably strong flexible clips grab cables without damaging them • Integrated Philips hex-head screws make installation quick and easy • 100 clips per package

Order #	Description	(1-9)	(10-24)	(25-49)	(50-up)
33-10860	Single, white	\$3.12	\$2.90	\$2.79	\$2.70
33-10862	Dual, white	3.12	2.90	2.79	2.70
33-10864	Single, black	3.12	2.90	2.79	2.70
33-10866	Dual, black	3.12	2.90	2.79	2.70



Outdoor Antenna Balun

• Weather resistant, molded plastic construction • Supplied with rubber boot

Order #	(1-4)	(5-9)	(10-49)	(50-up)
33-040	\$2.11	\$1.97	\$1.88	\$1.78



✓MCR High Frequency Ground Blocks

High frequency ground blocks have extended frequency capacity to 2.4GHz making them perfect for satellite and digital applications. Nickel plated finish to resist effects of the weather.

Order #	Description	(1-9)	(10-99)	(100-up)
33-7705	Single	\$0.80	-	-
33-7710	Dual	2.01	\$1.99	\$1.91



Copper Split Bolts

• For copper wire grounding connections and splices • Available for 4, 6, and 8 gauge solid copper wire

Order #	Wire Size	(1-9)	(10-24)	(25-49)	(50-up)
33-10825	4 AWG	\$1.10	\$0.95	\$0.88	\$0.79
33-10830	6 AWG	1.10	0.95	0.88	0.79
33-10835	8 AWG	1.10	0.95	0.88	0.79



Ground Clamps

• Used to properly ground antennas and satellite dishes to ground rods or other electrode points • Available to fit 5/8" and 3/4" ground rods

Order #	Size	(1-9)	(10-24)	(25-49)	(50-up)
33-10840	5/8"	\$1.61	\$1.43	\$1.31	\$1.18
33-10845	3/4"	5.75	2.44	2.22	2.11



Pipe Clamp

Used to properly ground to copper water pipes.

Order #	(1-9)	(10-24)	(25-49)	(50-up)
33-10805	\$2.01	\$1.74	\$1.69	\$1.58

Telecrafter Products

Drop Enclosures

These drop enclosures will house and protect components from the elements that corrode and shorten their lives. Drop boxes produce a professional appearance for cable TV and satellite installations. The Omni II box offers simplicity of installation and professional appearance along with a generous interior and the ability to seal the box for drop security. The Residential Control Box is designed to offer visual evidence of tampering and provides for easy maintenance. All boxes are UV resistant and come in a neutral gray color.

Fig.	Order #	Description	(H) x (W) x (D)	ONLY
A	33-6945	Omni II box	5.75 x 5.0 x 1.25	\$3.02
B	33-6950	Residential Control box	8.75 x 6.25 x 2.75	6.35

Tru-Spec:

In-Line Amplifier

DC line powered amplifier for CATV or antenna applications. Bandwidth is 5~950MHz. Gain is 10dB. Use with #33-915 power supply.



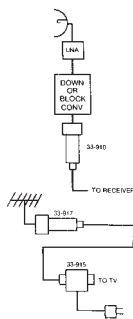
Order #	(1-9)	(10-up)
33-2690	\$12.49	\$11.62

In-Line Surge Protector

Protect your cable modem, tuner, converter, decoder, and satellite receiver from power surges and spikes caused by lightning strikes. Plugs directly into coax line. **Specifications:** •Frequency range: 5~2,400MHz •Insertion loss: 1.5dB max •Max surge current: 5000A



Order #	ONLY
33-10400	\$7.06



In-Line Amplifiers

Specifications: •Bandwidth: 5~950MHz •Gain: 11dB •Maximum input: 20dB •Maximum output: 31dB •Noise figure: 4dB •Power requirements: 15VDC •Dimensions: 2 1/2" (L) x 3/4" (dia) **#33-910 DC Passive:** For satellite 70MHz in-line amplification when power dividers, low gain LNAs and down converters require additional gain. **#33-917 Non-Passive:** For MATV/CATV applications when antenna preamplification and line amplification is required. **#33-915 Power Supply:** Provides power supply (15VDC) and diplexer for #33-917 and 33-910.

Order #	Type	(1-9)	(10-up)
33-917	Non-Passive Amp	\$13.99	\$11.88
33-910	DC Passive Amp	7.36	6.92
33-915	Power Supply	14.99	13.42

Push-On Balun

•Quick connect for "F" fittings with impedance matching transformer
•Minimum five



Order #	(5-9)	(10-up)
33-010	\$0.46	\$0.43



Tapcon® Self-Tapping Concrete Anchors

•Designed for use with high powered drill and hammer drivers •Climaseal™ coated for excellent corrosion protection •Works on all masonry materials, excellent for exterior walls •Self tapping design cuts their own threads •Fully removable •1/4" diameter •100 per box

Order #	Length	(1-3 boxes)	(4 boxes-up)
28-8851	1.25"	\$27.99	\$25.70

Customer Service:
1-877-626-3532



ANTENNAS DIRECT Outdoor Mast Mounted Amplifier

This powerful UHF/VHF antenna signal amplifier is designed to overcome signal loss related to long cable runs, splitters, and junctions. While an amplifier will not create a signal, it will increase its power and minimize disruptions. **Kit includes:** •Mast mount amplifier •110VAC power inserter •6' coaxial cable •Frequency range: •40~862MHz •18db gain •Mfr. #PA18.

Order #	ONLY
30-2091	\$50.49



ANTENNAS DIRECT UHF/VHF Antenna Mast-Mount Combiner

•All-weather antenna combiner merges the signals from a UHF antenna with a VHF antenna on the same down lead •Ideal for FM reception and markets with high band VHF HDTV channels •Threaded "F" connectors •Mast-mount weatherproof housing •Adjustable mast clamp •75ohm output

Order #	ONLY
30-2113	\$18.99

Channel Master®

TITAN 2TM Mast Mounted Preamplifiers

The Titan range of mast mounted amplifiers has been completely re-engineered and updated. These amplifiers represent the ultimate in preamplifier performance. They are designed for use as an ultra low noise, ultra high gain preamplifier for deepest fringe applications and MATV headend applications. Their very high signal handling also makes them suitable for use as a mast mounted, ultra low noise distribution amplifier for use in small MATV systems. Both models feature 75ohm, input and output connections in line with modern headend engineering practice. Models 7777 and 7778 cover both VHF and UHF bands with separate amplification in each band for maximum signal handling. They may be configured for either separate or combined VHF and UHF inputs. They include a switchable FM trap.

Order #	Mfr. #	VHF Gain	UHF Gain	ONLY
33-8960	7777	23dB	26dB	\$70.99
33-8965	7778	16dB	23dB	62.99



AUDIO/VIDEO Audio/Video Distribution

Section 7



Economical Antenna Rotator

Our economical antenna rotator helps improve TV and FM reception. Two piece connects via three wire rotator cable. Adjustable clamp accommodates mast up to 1 1/2".

Order #	ONLY
30-1100	\$60.99

antennacraft

Antenna Rotator

•Heavy-duty motor handles large antennas
•Extra strong machine cut gears won't bind •Brake pads hold firm •Tested to 70 mph winds •Requires three-wire rotator wire (#24-3080)



Order #	ONLY
30-1020	\$80.99

Rotator Cable

Three conductor cable for use with many popular antenna rotators. Outer jacket 0.162" black PVC with 0.020" wall. Three 20AWG conductors color coded black, white and red.



Order #	Length	(ea.)	(2-4)	(5-up)
24-3080	100'	\$30.49	\$23.02	\$21.43
24-3085	500'	131.00	106.00	98.00
24-3090	1000'	232.00	190.00	175.00

Stellar Labs™

RG-6/U CL2-Rated Coax Cable

RG-6/U type coax cable. 18AWG solid bare copper center conductor. Mylar aluminum foil shield plus 40% aluminum braid provides 100% shield. Foam dielectric and PVC jacket. Outside diameter .270" nominal. Impedance 75ohm nominal. Perfect cable for high frequency cable systems, satellite television and DBS. CL2 rated for in-wall use.

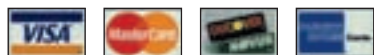
Order #	Length	(1-3)	(4-up)
24-10200	500'	\$45.49	\$39.14
24-10201	1000'	111.00	97.00

Stellar Labs™

RG-59/U Copper Braid

•22 gauge solid copper-covered steel weld •Foam dielectric •80% nominal copper braid shield •.240" (O.D.) nominal •75ohm nominal impedance

Order #	Length	(1-3)	(4-8)	(9-up)
24-10265	500'	\$41.49	\$39.14	\$37.08
24-10266	1000'	72.49	68.50	64.89





Section 7

AUDIO/VIDEO

Audio/Video Distribution



Slimline Dish and LNB

Dish kit includes mounting brackets, arm, mast, and Slimline reflector • Use dish kit with any of the LNB options • All LNB units receive orbital 99°/101°/103° for all DIRECTV® standard programming • 5-LNB units additionally receive 110°/119° for local HD programming in some areas • SWM options for running single wire from the dish to SWM compatible multi-switches and splitters

Order #	Description	ONLY
33-10990	Slimline dish kit with mounts	\$69.99
33-10992	3-LNB, 4 outputs	39.99
33-10994	3-LNB, 1 output (SWM)	89.99
33-10996	5-LNB, 4 outputs	59.99
33-10998	5-LNB, 1 output (SWM)	99.99

#33-10570



#33-7706



High-Definition HR-PRO Series DVR

The HR-PRO series DVR is the high-end DIRECTV® solution for professionally installed home theater and commercial systems. **Features:** • Rack mountable • View programming featuring 1080i high definition video with Doby Digital 5.1 audio • Record up to 400 hours of programming (100 hours of HD) • Plan ahead with 14 Advanced Program Guide® • Exclusive DLI optical HDMI link allows for a remote television to receive high-definition content through fiber optic cable up to 1000' away • Outputs include: HDMI A/V, optical HDMI A/V, S-video, dual component video, composite A/V, optical digital audio (toslink), and coaxial digital audio • Inputs include: Dual satellite, USB, RS-232C, IR, dual ethernet, phone jack, SATA, and 120VAC **Includes:** • 6' HDMI cable • 6' component video cable • 6' composite A/V cable • RF remote • Power cable • Rack mounting hardware • DIRECTV® service and installation not included

Order #	Description	ONLY
33-10570	HR21 PRO receiver	\$649.00
33-7706	Dual ATSC add-on tuner	82.49



Dual ATSC Tuner for DIRECTV® DIRECTV Receivers

• Piggy-back tuner designed for seamless use with DirecTV® receivers HR21 and HR21PR • Receive local digital broadcasts from off-air antenna and integrate them into the program guide • Simple one-time set-up • Dual tuner enables off-air HD-DVR capabilities with existing HR21 or HR21PRO • Simple USB connection to main satellite receiver • Dimensions: 15.125" (W) x 12.25" (D) x 1.18" (H)

Order #	ONLY
33-7706	\$82.49



D12 Series Standard Receiver

With the DIRECTV® D12 series receiver, you can access over 250 digital-quality channels, plus access interactive capabilities and a customizable on-screen program guide. Explore and personalize all your viewing options quickly and easily with the included remote control. **Features:** • Interactive features include mix channels, DIRECTV® Active, and MiniGuide • Parental controls to set rating restrictions and spending limits • Programming options like CHOICE, DIRECTV® Spanish, XM satellite radio and pay per view movie and event channels **Includes:** • Access card • Remote controls and batteries • A/V and S-video cables • Phone and power cords • User guide • This equipment is for use only with DIRECTV® subscription television service and is subject to DIRECTV's® terms and conditions

Order #	ONLY
33-7701	\$94.99



High-Definition HR24 Series DVR

Add DIRECTV® and DVR Service and you get the best choice and widest selection of high definition programming. **Features:** • Standard-definition (SD) and high-definition (HD) enabled • Simultaneous SD and HD output • Record up to 200 hours of SD, or up to 50 hours of HD programming • Two satellite tuners for access to SD and HD DIRECTV programming • 14-day Advanced Program Guide® • Pause and rewind live TV for up to 90 minutes • Series Link® feature • One touch record, auto record, manual record, and bookmarks • Search and record • Interactive TV enabled • This equipment is for use only with DIRECTV® subscription television service and is subject to DIRECTV's® terms and conditions

Order #	Description	ONLY
33-7704	HR24 high-def receiver	\$239.00
33-7706	Dual ATSC add-on tuner	82.49



R Series DVR

The DIRECTV Plus™ DVR receiver lets you record up to 100 hours of programs, and pause or control live TV. With the R22 receiver you can automatically record an entire season of your favorite shows, find and record programs by title, actor, or director, listen to theater-quality Dolby® Digital sound, and schedule recording up to 14 days in advance. **Includes:** • Access card • Remote controls and batteries • A/V and S-video cables • Phone and power cords • User guide • This equipment is for use only with DIRECTV® subscription television service and is subject to DIRECTV's® terms and conditions

Order #	ONLY
33-7702	\$129.00



H24 High Definition Receiver

With the DIRECTV® H series receiver, you can access over 265 digital-quality audio and video channels from DIRECTV® in both high-definition and standard definition **Features:** • Versatile HDTV connection options include HDMI digital audio/video and component video, as well as standard composite video and RCA audio • 1080i picture output resolution formats • Dolby® Digital 5.1 surround sound capable • MPEG-4 AVC capable **Includes:** • Access card • B-band converter • Remote control and batteries • Component, S-video, and standard A/V cables • Phone and power cords • User guide • This equipment is for use only with DIRECTV® subscription television service and is subject to DIRECTV's® terms and conditions

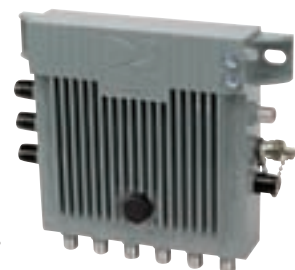
Order #	ONLY
33-7703	\$129.00



Single Wire Multi-Switch

• Combine up to six LNB inputs (flex ports 72.5°/95°, 5-LNB 99°/101°, 103°/110°/119°) for a simpler, single wire installation into the home • Two SWM outputs can be split with SWM compliant high-frequency splitters for up to eight receivers or four DVRs • DIRECTV® compatible DVRs receive both needed signals from a single connection • Three legacy outlets for older equipment • Off-air antenna diplexer included • Power inserter required, sold separately

Order #	Description	ONLY
33-11000	Single wire multi-switch	\$179.00
33-11005	28V power inserter	19.99



SWM Compatible Splitters

• High-frequency RF splitters designed for use with splitting SWM satellite signals • One port DC pass • DIRECTV® SWM approved

Order #	Description	ONLY
33-11010	2-way	\$5.99
33-11012	4-way	8.99
33-11014	8-way	15.99



SWM Expanders

• Connect two or four SWM8 switches for up to 16 or 32 channels out • Mounts as one unit, no additional chassis required • Requires 24-volt power supply (two for 33-11020), sold separately

Order #	Description	ONLY
33-11015	Combines two SWM8	\$129.00
33-11020	Combines four SWM8	169.00
33-11021	24V power supply	49.99



**ZINWELL****6 x 8 Multi-Switch**

•Six satellite inputs: four inputs from 101°/110°/119° and 99°/103°; two flex port inputs from 72.5° and 95° for international and local programming •Passive unit powered by connected satellite receivers •Wide band frequencies: 250~750MHz, 950~1450MHz, and 1650~2150MHz

Order #	ONLY
33-11007	\$69.99

**5 x 12 Multi-Satellite Multi-Switch**

Four satellite IF and one terrestrial TV input to 12 outputs to satellite receivers. Built-in satellite IF amplifier compensates for splitter loss. LNB selection by 14/18VDC and 22KHz tone provided by equipped receivers. Built-in power supply provides power for operation, amplification and operation of the LNBs.

Order #	(1-9)	(10-up)
33-8690	\$88.99	\$86.38

High Performance Dual LNB

DBS LNB for use with digital satellite system dishes with rectangular shaped tubes. Designed to work with "D" shaped tubes as well. Perfect low cost replacement for damaged LNBs.

Order #	ONLY
33-7435	\$22.99

**Precision Ku Band LNBs**

"C" and "Ku" band LNBs for use with "C" band antennas. Professional feedhorns and commercial grade LNBs assure high performance with low noise. Input frequency: 11.7GHz~12.2GHz Output frequency: 950MHz~2000GHz.

Order #	Noise figure	ONLY
33-4705	0.6	\$32.99
33-4710	0.5	40.49

**Compass**

Economical compass for easily identifying satellite positions. Small size fits in the palm of your hand. Top closes to protect surface from scratches. **Specifications:**

•Directional accuracy: ±5° •Direction indication: 2°/scale •Dimensions: 72mm x 55mm x 30mm

Order #	ONLY
33-2050	\$3.12

**TERK 5 x 8 Integrated Multi-Switch**

The BMS-58 allows up to eight satellite television receiver connections to a single multi-satellite dish and provides an additional off air antenna/cable input to integrate all television options. With the Terk BMS-58 multi-switch you can install a home theater multiplex in no time by connecting up to eight receivers with ease. There is no need to remove integrated multi-switches already embedded in the satellite dish. Simply connect the two SatA and SatB cables to the BMS-58 and run to the receivers. The BMS-58 has an ultra-low noise built-in amplifier to eliminate signal loss and deliver the best possible reception to every TV. The TERK BMS-58 is designed to be waterproof making it rugged, durable and easy to install. Mfr. #BMS-58. **Limited quantities.**

Order #	ONLY
33-9665	\$20.49

Diplexer

•Combines off-air signals with a satellite drop •Power passive one port •40~860MHz/ 950~2250MHz •Includes grounding screw



Order #	MSRP	(1-9)	(10-24)	(25-49)	(50-up)
33-10975	\$4.99	\$1.50	\$1.43	\$1.31	\$1.18

In-Line Amplifier

•In-line amplifier for satellite cable runs greater than 100' •20dB max slope gain •For 900~2150MHz



Order #	MSRP	(1-9)	(10-24)	(25-49)	(50-up)
33-10970	\$5.99	\$3.02	\$2.90	\$2.79	\$2.70

Tru-Spec**In-Line 950~2150MHz Amplifier**

Features: Die-cast housing, low noise: 4dB, high gain: 20dB, passes DC through for powering LNBs, sloped gain for long cable runs, voltage supplied by the satellite receiver **Specifications:** •Noise figure: 4dB •Gain: 950MHz: 15dB, 1450MHz: 18dB, 1750MHz: 20dB, 2150MHz: 21dB •Maximum output: 30dBmV (12 channels) •DC voltage: 15~18VDC (negative ground) •Connectors: "F" type



Order #	(1-9)	(10-up)
33-2720	\$11.99	\$10.83

Satellite Finder Meter

•Position and aim satellite dishes with ease •Connects between the LNB and satellite receiver or 13~18V power supply •Frequency range: 950MHz~2.4GHz •Gain: 11dB •Operating range: 52~60dB LNB gain



Order #	ONLY
33-10940	\$10.99

**Channel Master® Satellite Signal Level Meters**

The 1004IFD and 1007IFD are intended to aid in the alignment of a satellite dish. They include satellite IF (950~2150MHz) amplification and a broadband detector. The detector drives a meter and a variable frequency audio tone. The dish is then aligned for maximum meter deflection or highest pitch tone. A gain control allows a wide range of input signal levels. The units are connected to the LNB via a short coaxial cable. The 1004IFD output must be connected to the satellite receiver in order to supply power. The units operate from 11~24VDC on the coaxial cable. Connection to the receiver is optional with the 1007IFD, but extends battery life between charges. All models allow measurement of voltage on the coaxial cable. The 1007IFD will also measure LNB current. The 1007IFD includes an internal rechargeable battery pack, carrying strap and a wall plug recharging unit. The internal battery pack allows a dish to be aligned before it is connected to the satellite receiver. The battery pack is switchable between 13 and 18V output, allowing either polarization to be selected when used with a voltage switched LNB. In US DBS applications, LHCP is selected when the LNB voltage is nominally 17V.

Order #	Mfr. #	ONLY
33-9295	1004IFD	\$62.99
33-9300	1007IFD	147.00

CHANNEL VISION™ RF/Satellite Meter

This hand held CATV/satellite meter has been designed for the technician to make quick and accurate signal strength measurements for both CATV and satellite. This powerful, simple to use tool measures frequencies from 25MHz~1550MHz. •Measures satellite from DIRECTV®, Dish-Network, CATV and broadcast signal strength •Two rows of ten easy-to-read indicator lights •Hand held design, great for use with HDTV •Includes 22KHz tone generator for use with dual satellite systems •Requires 9V battery (included) •Mfr. #M200



Order #	(1-9)	(10-up)
33-9695	\$393.00	\$375.00

**PERFECT 10™ Acutrac®22 Digital Satellite Signal Level Meter**

The Acutrac®22 allows an installer to easily align a multi-feed system by displaying LNB A and LNB B signal strength measurement levels simultaneously. The Acutrac®22 features include: LCD display, selectable audio on-off tone, receiver voltage output, individual LNB current consumption, 22KHz tone and coax cable test. **Acutrac®22 Pro also includes:** Rechargeable battery pack, leather case and AC/DC chargers. Mfr. #AcutracPro.

Order #	ONLY
33-7395	\$139.00